

**STATE OF UTAH**  
**DEPARTMENT OF NATURAL RESOURCES**  
**DIVISION OF OIL, GAS, AND MINING**

SUBMIT IN TRIPLICATE\*  
 (Other instructions on  
 reverse side)

5. Lease Designation and Serial No.

Fee

6. If Indian, Allottee or Tribe Name

7. Unit Agreement Name

8. Farm or Lease Name

Moore-Amoco "A"

9. Well No.

#1

10. Field and Pool, or Wildcat

Wildcat  
 Sec., T., R., M., or Blk.  
 and Survey or Area

Sec. 16, T3N, R7E

12. County or Parrish 13. State

Summit

Utah

1a. Type of Work

DRILL ☒DEEPEN ☐PLUG BACK ☐

b. Type of Well

Oil  
Well ☐Gas  
Well ☒

Other

Single  
Zone ☐Multiple  
Zone ☐

2. Name of Operator

Amoco Production Company

3. Address of Operator

P.O. Box 829, Evanston, Wyoming 82901

4. Location of Well (Report location clearly and in accordance with any State requirements.)\*

At surface 1600' FSL &amp; 1330' FWL

At proposed drill zone

BHL: 1000' FSL 600' FWL

14. Distance in miles and direction from nearest town or post office\*

15. Distance from proposed\*

location to nearest  
property or lease line, ft.  
(Also to nearest drlg. line, if any)

16. No. of acres in lease

17. No. of acres assigned  
to this well18. Distance from proposed location\*  
to nearest well, drilling, completed,  
or applied for, on this lease, ft.

19. Proposed depth

14,500

20. Rotary or cable tools

Rotary

21. Elevations (Show whether DF, RT, GR, etc.)

8265' GR

22. Approx. date work will start\*

When approved

23.

## PROPOSED CASING AND CEMENTING PROGRAM

Size of Hole	Size of Casing	Weight per Foot	Setting Depth	Quantity of Cement
26"	20"	106#	300'	Cmt to surface
17 1/2"	13 3/8"	54.5#	4000'	At least a 1000' column Second stage to tap back into 20"
12 1/4"	9 5/8"	43.5-47#	11000'	At least a 2000' column
8 1/2"	7 5/8"	33.7-39#	12600'	Cmt to liner top
6 1/4"	5"	15#	14500'	Cmt to liner top
	(liner)			
	(liner)			

To develop and test Nugget Reserves

**APPROVED BY THE STATE  
 OF UTAH DIVISION OF  
 OIL, GAS, AND MINING**  
 DATE: 7/14/83  
 BY: [Signature]

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

Signed

Larry D. Smith

Title Staff Admin Analyst

Date 6/28/83

(This space for Federal or State office use)

Permit No.

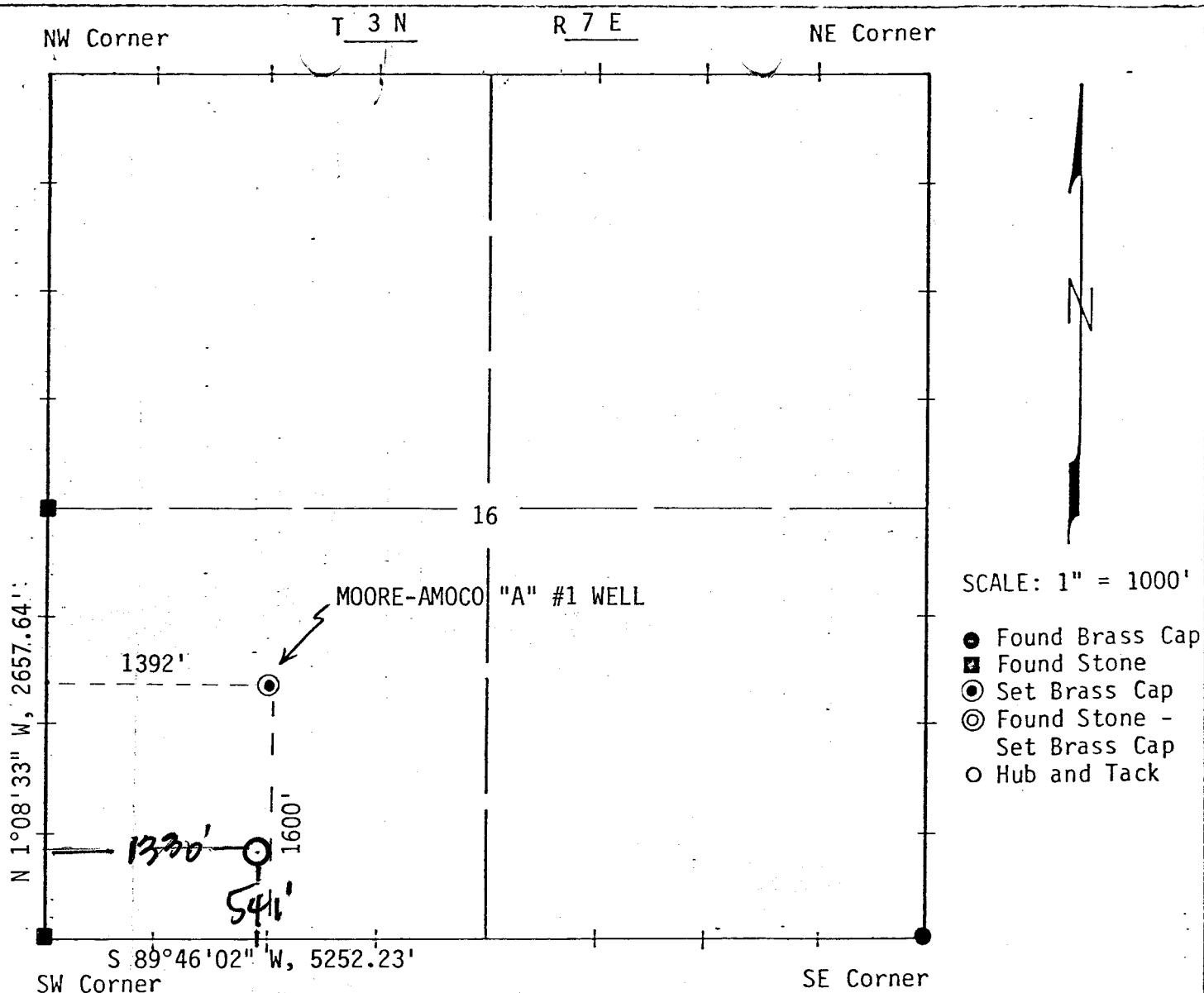
Approval Date

Approved by

Title

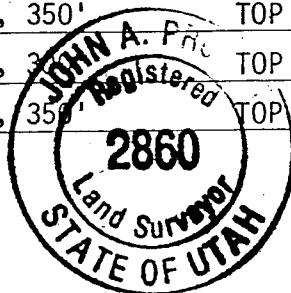
Date

Conditions of approval, if any:



I, John A. Proffit of Evanston, Wyoming certify that in accordance with a request from Jon Jensen of Evanston for Amoco Production Company I made a survey on the 14-17 day of June, 1983 for Location and Elevation of the Moore-Amoco "A" #1 Well as shown on the above map, the wellsite is in the NE $\frac{1}{4}$ SW $\frac{1}{4}$  of Section 16, Township 3N, Range 7E of the Salt Lake Base & Meridian Summit County, State of Utah, Elevation is 8265 Feet Top of Hub Datum Mean Sea Level Based on Three Dimensional Control Network tied to U.S.G.S. & U.S.C. & G.S. Bench Marks

Reference point	N 28° E, 300'	TOP OF REBAR	ELEVATION 8258.6'
Reference point	N 28° E, 350'	TOP OF REBAR	ELEVATION 8253.6'
Reference point	S 28° W, 350'	TOP OF REBAR	ELEVATION 8273.9'
Reference point	S 28° W, 350'	TOP OF REBAR	ELEVATION 8276.7'



BOOK 280 - Alt. #3  
 DATE: June 23, 1983  
 JOB NO.: 83-10-26 Revised 6/24/83

John A. Proffit 6/23/84  
 JOHN A. PROFFIT UTAH R.L.S. NO. 2860  
 UINTA ENGINEERING & SURVEYING, INC.  
 808. MAIN STREET, EVANSTON, WYOMING

ATTACHMENT TO FORM OGC-1a

MOORE-AMOCO "A" #1

- 1) Geologic name of the surface formation: Tertiary
- 2) Estimated tops of geological markers:
 

Cretaceous	3650'
Preuss	10650'
Salt	12150'
Twin Creek	12450'
Nugget	13850'
- 3) Casing Program: See Form OGC-1a, Item #23
- 4) Operator's minimum specifications for pressure control equipment is explained on the attached schematic diagram. Testing of such will be performed daily and noted on the IADC Daily Drilling Report. After running 13 3/8" surface casing and prior to drilling out, the BOP will be tested to the full working pressure rating as shown on the attached schematic. Thereafter, testing will be performed in accordance with State/Federal requirements.
- 5) Logging Program:
 

DIL-GR	Base of 13 3/8 casing to Total Depth
FDC-CNL-GR	Base of 13 3/8 casing to Total Depth
BHC-GR	Base of 13 3/8 casing to Total Depth
HDT	Base of 13 3/8 casing to Total Depth
Check Shot	
Velocity	Surface to Total Depth
- 6) Mud Program:
 

0' - 4000'	Native	8.4-8.8#	Sweeps as needed
4000'-11000'	LSND, KCL	9.5-9.8#	
11000'-12600'	NaCl-KCl	10.0-10.5#	(1)
12600'-14500'	LSND	8.5-8.9#	

(1) Saturate with NaCl prior to penetrating Preuss Salt
- 7) Coring Program:
 

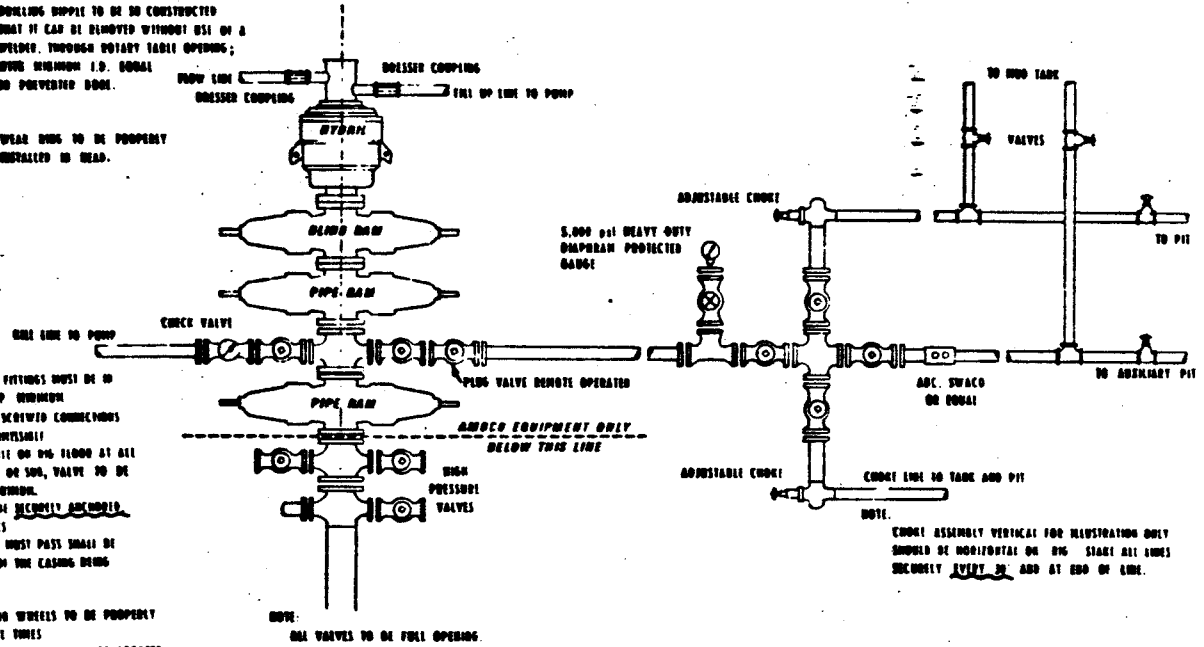
One 60' rotary core at approximately 50' below top of Nugget.
- 8) No abnormal pressures, temperatures, or hydrogen sulfide gas is anticipated.

**EXHIBIT BOP-5000**  
**MINIMUM BLOW-OUT PREVENTER REQUIREMENTS**  
**5,000 psi W.P.**

**NOTE**

1 BLOWING DUMPLE TO BE SO CONSTRUCTED THAT IT CAN BE REMOVED WITHOUT USE OF A WELDER, THROUGH ROTARY TABLE OPENING; WITH MINIMUM I.D. EQUAL TO PREVENTER BODY.

2 WEAR RING TO BE PROPERLY INSTALLED IN HEAD.



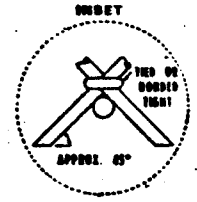
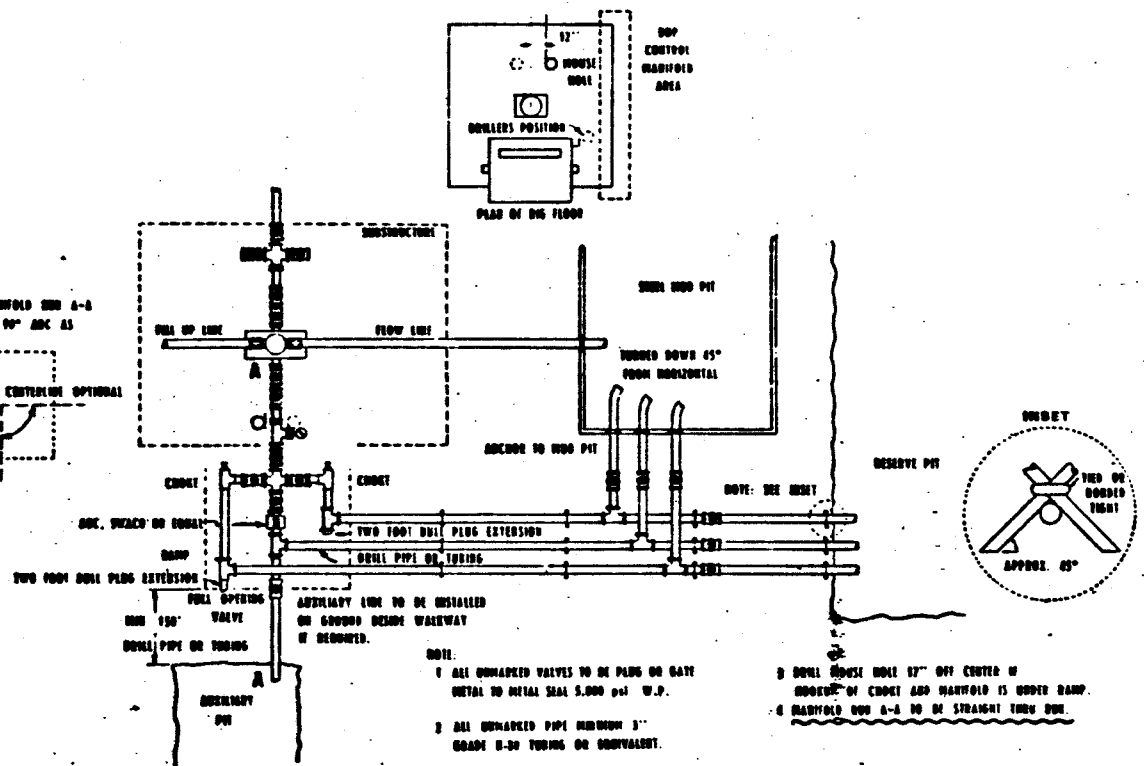
**NOTE**

- 1 BLOW OUT PREVENTERS AND ALL FITTINGS MUST BE IN GOOD CONDITION 5,000 psi W.P. MINIMUM
- 2 ALL FITTINGS TO BE FLANGED SCREWED CONNECTIONS DOWNSTREAM FROM CORKS PERMISSIBLE
- 3 SAFETY VALVE MUST BE AVAILABLE ON ONE FLOOD AT ALL TIMES WITH PROPER CONNECTION ON TOP, VALVE TO BE FULL BODY 5,000 psi W.P. MINIMUM
- 4 ALL CORKS AND LINE LINES TO BE SECURELY ANCHORED, ESPECIALLY ENDS OF CORK LINES
- 5 EQUIPMENT THROUGH WHICH OIL MUST PASS SHALL BE AS LARGE AS INSIDE DIAMETER OF THE CASING BEING DRILLED THROUGH
- 6 RELY CORK ON RELIEF
- 7 EXTENSION WHEELS AND RAMP WHEELS TO BE PROPERLY INSTALLED AND SPACED AT ALL TIMES
- 8 ONE FLOOD BLOW-OUT PREVENTER CONTROL TO BE LOCATED AS CLOSE TO DRILLERS POSITION AS FEASIBLE
- 9 BLOW-OUT PREVENTER CLOSING EQUIPMENT TO INCLUDE AN ACCUMULATOR TWO INDEPENDENT SOURCES OF PUMP POWER ON EACH CLOSING UNIT INSTALLATION.
- 10 MEET ALL AISC SPECIFICATIONS.

NOTE: ALL VALVES TO BE FULL OPENING.

**NOTE:**

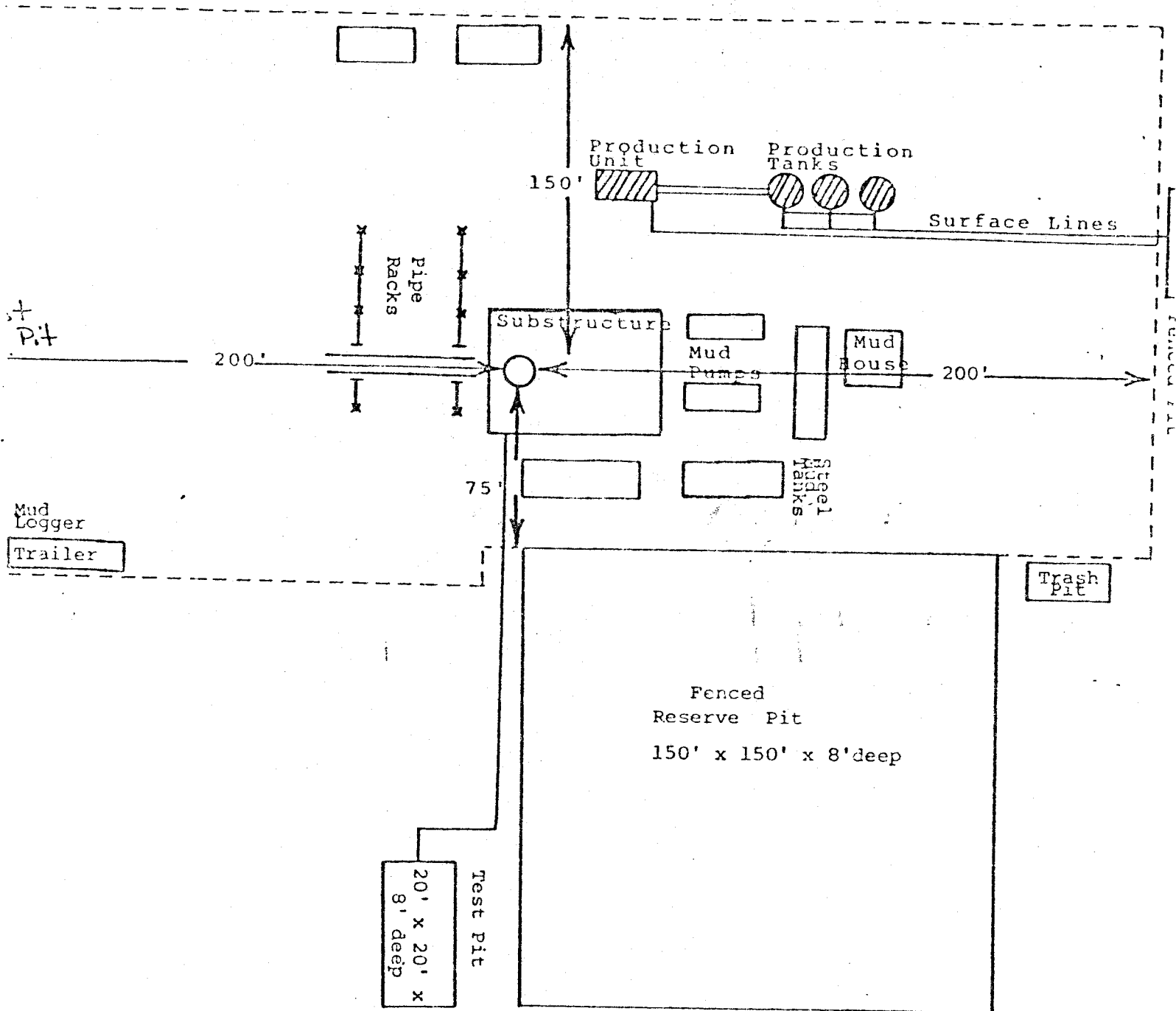
DIRECTION OF MANIFOLD RUN A-A OPTIONAL WITHIN 90° ARC AS SHOWN BELOW.



**Amoco Production Company**  
**STANDARD ASSEMBLY FOR FLUID**  
**OPERATED TRIPLE BLOW-OUT PREVENTER**  
**5,000 psi W.P.**



Pumpers Company  
Trailer Trailer



⊙ = Shows permanent production equipment to be installed after drilling rig has moved out.

---= Dotted lines indicated perimeter of leveled location.

The fenced pit used for production will be covered if any fluid is present. The drilling and production pads will be constructed with dozers and graders using native material.

TYPICAL  
LOCATION  
LAYOUT

AMOCO PRODUCTION COMPANY  
P. O. Box 17675  
SALT LAKE CITY, UTAH 84117

EXHIBIT "D"



Amoco Production Company (USA)

P. O. Box 829  
Evanston, WY 82930

June 29, 1983

State of Utah  
Division of Water Rights  
1636 West North Temple  
Salt Lake City, Utah 84116

File: JEK- 978-403/WF

Applications for Temporary Change of Point of Diversion, Place or Purpose of Use - Moore-Amoco "A" #1 Well located in NE/4 SW/4, Sec. 16, T3N, R7E, Summit County, Utah, SLB & M

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Enclosed are two temporary Change Applications to obtain a total of 8 acre feet of water for use in drilling and completion operations at the above referenced well. Also enclosed is draft no. 230218 in the amount of \$15.00 which is submitted in payment of the \$7.50 filing fee for each application.

In compliance with the State Engineer's Directive of January 10, 1983, "NO OBJECTION" letters have been mailed to Lawrence Wright for completion. Copies of the letters to Mr. Wright are enclosed for your information as well as copies of the lease agreements with Thomas L. Marsh and Copley Walker for the shares to be changed.

Please process these applications for approval as soon as possible. If you have any questions, please contact Alan Hoki at (307) 789-1700.

T. G. Doss  
District Superintendent

AH/sh

Enclosures



**Amoco Production Company (USA)**

Denver Region  
Amoco Building  
17th & Broadway  
Denver, Colorado 80202  
303-830-4040

July 14, 1983

Dr. G. A. Shirazi - Director (6)  
Utah Division of Oil, Gas and Mining  
4241 State Office Building  
Salt Lake City, UT 84114

File: SWS-911-986.511

Application for Approval of Directional Drilling  
Moore-Amoco "A" No. 1  
Section 16 - Township 3 North - Range 7 East  
Summit County, Utah

Amoco Production Company respectfully requests administrative approval for the directional drilling of the Moore-Amoco "A" No. 1, as provided in Rule C-8(i). This well is to be drilled as a wildcat test of the Nugget formation, with a projected TD of 14,500 ft. The directional drilling of this well is required due to topography. Enclosed, as part of this application, is a topographical map of this area as well as a well location-ownership plat.

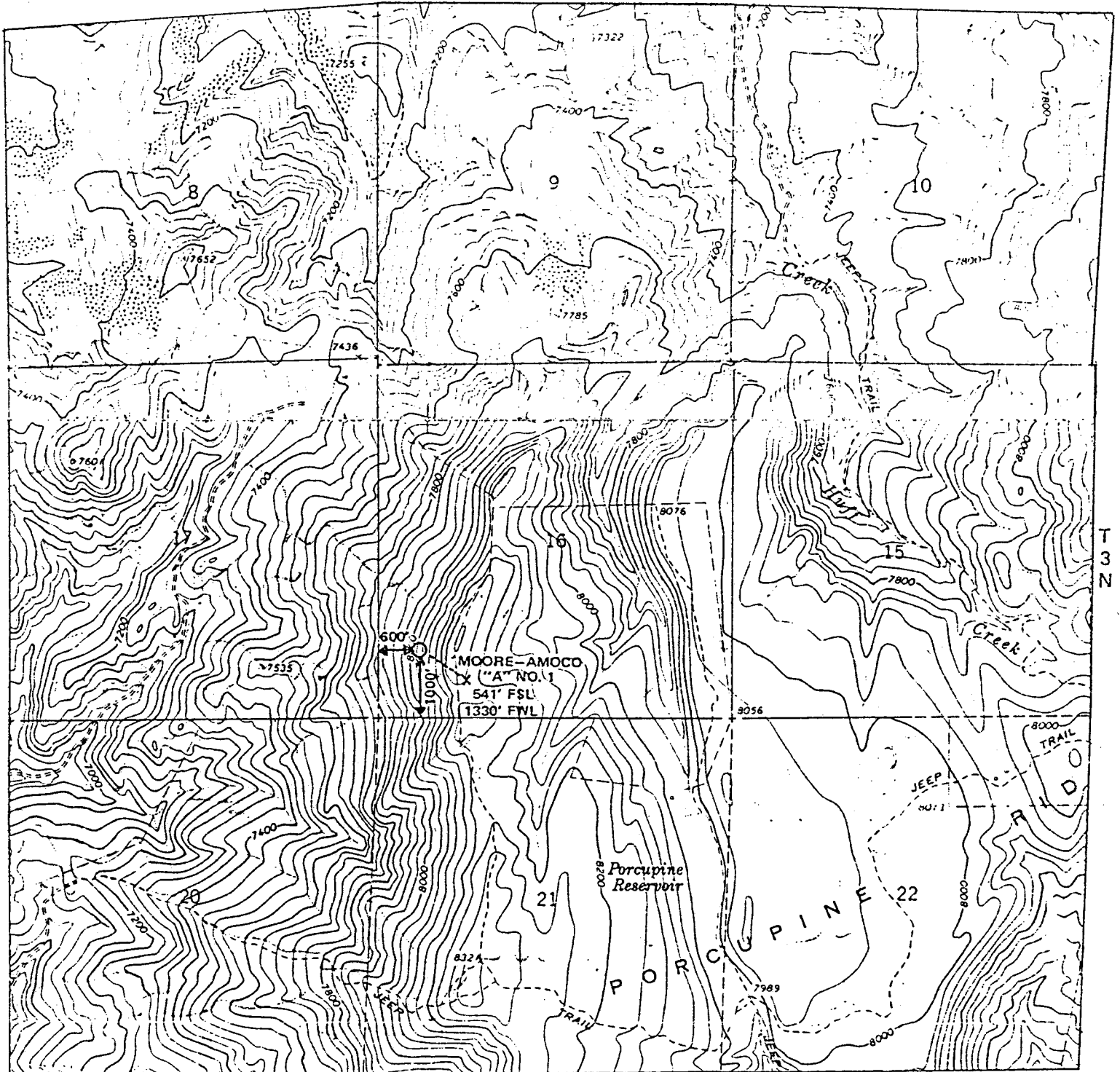
Amoco Production Company, as operator of this well, proposes to directionally drill this well from a surface location 541' FSL and 1330' FWL of Section 16-T3N-R7E to a bottomhole location at approximately 1000' FSL and 600' FWL of Section 16-T3N-R7E, Summit County, Utah. Specifically, Amoco is requesting approval to allow us to directionally control the drilling of the Moore-Amoco "A" No. 1 to penetrate the Nugget formation in a target area which will be no closer than 500 ft. to any property or lease line or from the boundary of any legal subdivision comprising a governmental quarter-quarter section or equivalent lot or lots. The proposed bottomhole location is approximately 580 ft. to the west of Tract 5 and 1129 ft. to the south of Tract 4.

*R. B. Giles*  
R. B. Giles *CAW*

CAW/h1

Enclosures

R7E



X SURFACE LOCATION

O BOTTOM HOLE LOCATION

NOTE: FROM UPTON AND CASTLE ROCK QUADRANGLES  
PUBLISHED BY THE GEOLOGICAL SURVEY.

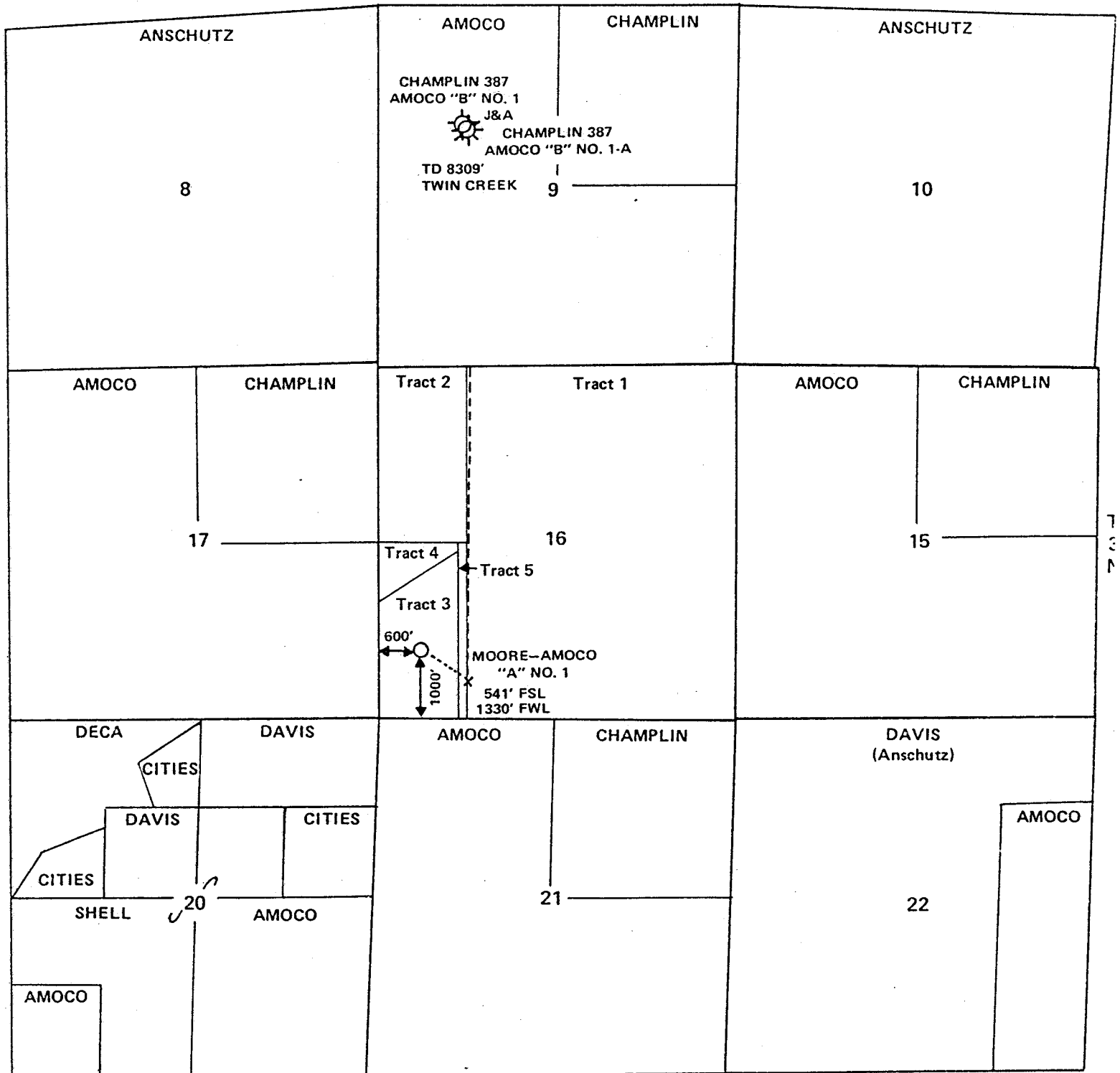
TOPOGRAPHY

AMOCO PRODUCTION COMPANY  
DENVER REGION

SUMMIT CO., UTAH

Scale: 1" = 2000'

R7E



- X SURFACE LOCATION
- BOTTOM HOLE LOCATION
- ⊗ JUNKED AND ABANDONED
- ⊙ TWIN CREEK PRODUCER

OWNERSHIP PLAT  
 AMOCO PRODUCTION COMPANY  
 DENVER REGION  
 SUMMIT CO., UTAH  
 Scale: 1" = 2000'

. WORKING INTEREST OWNERS  
SECTION 16 - TOWNSHIP 3 NORTH - RANGE 7 EAST  
SUMMIT COUNTY, UTAH

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Tract No. 1

Amoco Production Company	100.0%
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Tract No. 2

NW Exploration	66.6%
Trend Minerals	16.7%
Wexpro	16.7%

Tract No. 3

Amoco Production Company	97.6%
Earl Peet - unleased	0.8%
Deann P. Lay - unleased	0.8%
Mozelle Ruark - unleased	0.8%

Tract No. 4

Amoco Production Company	97.6%
Earl Peet - unleased	0.8%
Deann P. Lay - unleased	0.8%
Mozelle Ruark - unleased	0.8%

Tract No. 5

Amoco Production Company	22.1%
Deca	26.2%
Mel Gustaveson - unleased	5.6%
Alfred Gustaveson - unleased	5.6%
Lucile G. Powell - unleased	2.4%
Affalone P. Caldwell Estate - unleased	16.7%
Carol Trands - unleased	3.3%
Rose N. Lee Estate - unleased	0.3%
Marvin Charles Nelson Estate - unleased	0.3%
Alleen N. Gentry Estate - unleased	0.3%
Alburn Nelson Estate - unleased	0.3%
Della N. White Estate - unleased	0.3%
Veloy N. Ashley - unleased	0.3%
Earl Peet - unleased	4.9%
Deann P. Lay - unleased	4.9%
Mozelle Ruark - unleased	4.9%
Marian M. Smith - unleased	0.4%
Fern M. Larsen Black - unleased	0.4%
Marie M. Bevan - unleased	0.4%
Dorothy M. Welde Barkow - unleased	0.4%

APPLICATION NO. ....  
DISTRIBUTION SYSTEM .....Application For Temporary Change of Point of Diversion,  
Place or Purpose of Use  
STATE OF UTAH

(To Be Filed in Duplicate)

Evanston, Wyoming June 27 19 83  
Place DateFor the purpose of obtaining permission to temporarily change the point of diversion, place or purpose of use  
(Strike out written matter not needed)of water, the right to the use of which was acquired by Chalk Creek-Hoytsville Water Users Assoc.  
Certificate #95 (Give No. of application, title and date of Decree and Award No.)  
to that hereinafter described, application is hereby made to the State Engineer, based upon the following showing of  
facts, submitted in accordance with the requirements of the Laws of Utah.

1. The owner of right or application is Copley Walker
2. The name of the person making this application is Amoco Production Company
3. The post office address of the applicant is P. O. Box 829, Evanston, Wyoming 82930

## PAST USE OF WATER

4. The flow of water which has been used in second feet is .....
5. The quantity of water which has been used in acre feet is 3
6. The water has been used each year from 1 1 to 12 31 incl.  
(Month) (Day) (Month) (Day)
7. The water has been stored each year from ..... to ..... incl.  
(Month) (Day) (Month) (Day)
8. The direct source of supply is ..... in ..... County.
9. The water has been diverted into ..... ditch  
canal at a point located .....
10. The water involved has been used for the following purpose: Stockwater
- Total ..... acres.

NOTE: If for irrigation, give legal subdivisions of land and total acreage which has been irrigated. If for other purposes, give  
place and purpose of use.

## THE FOLLOWING TEMPORARY CHANGES ARE PROPOSED

11. The flow of water to be changed in cubic feet per second is .....
12. The quantity of water to be changed in acre-feet is 2
13. The water will be diverted into the ..... ditch  
canal at a point located Water well to  
be drilled approximately 1642' FWL and 1600' FSL, Sec. 16, T3N, R7E,  
Summit County, Utah SLB & M or water to be hauled/piped from Porcupine  
Reservoir at a point approximately 1500' FNL & 350' FEL (continued)
14. The change will be made from July 1 19 83 to June 30 19 84  
(Period must not exceed one year)
15. The reasons for the change are Unappropriated Water unavailable for use
16. The water involved herein has heretofore been temporarily changed 0 years prior to this application.

17. The water involved is to be used for the following purpose: Completion and  
#1 Well and all associated operations  
Drilling fluid for Moore-Amoco "A"

Total ..... acres.  
NOTE: If for irrigation, give legal subdivisions of land to be irrigated. If for other purposes, give place and purpose of proposed use.

## EXPLANATORY

The 2.0 acre feet on this application will be combined with the 6.0 acre  
feet on the accompanying application (Thomas L. Marsh) to meet the 8.0  
acre feet required by the State Engineer's Directive of January 10, 1983.  
(Continued from above) Sec. 21, T3N, R7E, Summit County, Utah

A filing fee in the sum of \$5.00 is submitted herewith. I agree to pay an additional fee for either investigating or ad-  
vertising this change, or both, upon the request of the State Engineer.

Signature of Applicant

APPLICATION NO. ....  
DISTRIBUTION SYSTEM .....

# Application For Temporary Change of Point of Diversion, Place or Purpose of Use STATE OF UTAH

(To Be Filed in Duplicate)

Evanston, Wyoming June 29 19 83  
Place Date

For the purpose of obtaining permission to temporarily change the point of diversion, place or purpose of use  
(Strike out written matter not needed)

of water, the right to the use of which was acquired by Chalk Creek-Hoytsville Water Users Assoc...  
Certificate #215 (Give No. of application, title and date of Decree and Award No.)  
to that hereinafter described, application is hereby made to the State Engineer, based upon the following showing of facts, submitted in accordance with the requirements of the Laws of Utah.

1. The owner of right or application is Thomas L. Marsh
2. The name of the person making this application is Amoco Production Company
3. The post office address of the applicant is P. O. Box 829, Evanston, Wyoming 82930

## PAST USE OF WATER

4. The flow of water which has been used in second feet is .....
5. The quantity of water which has been used in acre feet is 11
6. The water has been used each year from 1 11 to 12 31 incl.  
(Month) (Day) (Month) (Day)
7. The water has been stored each year from ..... to ..... incl.  
(Month) (Day) (Month) (Day)
8. The direct source of supply is ..... in ..... County.
9. The water has been diverted into ..... ditch  
canal at a point located .....
10. The water involved has been used for the following purpose: Stockwater

Total ..... acres.  
NOTE: If for irrigation, give legal subdivisions of land and total acreage which has been irrigated. If for other purposes, give place and purpose of use.

## THE FOLLOWING TEMPORARY CHANGES ARE PROPOSED

11. The flow of water to be changed in cubic feet per second is .....
12. The quantity of water to be changed in acre-feet is 6
13. The water will be diverted into the ..... ditch  
canal at a point located Water well to  
be drilled approximately 1642' FWL and 1600' FSL, Sec. 16, T3N, R7E,  
Summit County, Utah SLB & M or water to be hauled/piped from Porcupine Reservoir  
at a point approximately 1500' FNL & 350' FEL, Sec. 21, T3N, R7E, Summit County,
14. The change will be made from July 1, 1983 to June 30, 1984  
(Period must not exceed one year)
15. The reasons for the change are Unappropriated water unavailable for use
16. The water involved herein has heretofore been temporarily changed 0 years prior to this application.

17. The water involved is to be used for the following purpose: Completion and Drilling fluid for Moore-Amoco "A"  
#1 Well and all associated operations

Total ..... acres.  
NOTE: If for irrigation, give legal subdivisions of land to be irrigated. If for other purposes, give place and purpose of proposed use.

## EXPLANATORY

The 6.0 acre feet on this application will be combined with the 2.0 acre  
feet on the accompanying application (Copley Walker) to meet the 8.0 acre  
feet required by the State Engineer's Directive of January 10, 1983.

A filing fee in the sum of \$5.00 is submitted herewith. I agree to pay an additional fee for either investigating or advertising this change, or both, upon the request of the State Engineer.

*James J. Smith*  
Signature of Applicant



AMOCO PRODUCTION COMPANY  
TULSA, OKLAHOMA

Form 587 Jul.-82

No Protest

Evanston

Location  
At Sight

June 29

19 83

No. 230218

Pay To The State of Utah Division of Water Rights  
Order Of PROPERLY ENDORSE THIS ITEM AND NEGOTIATE AS A CHECK

\*\*\*15.00\*\*\*

Fifteen Dollars and no/100-----

Dollars

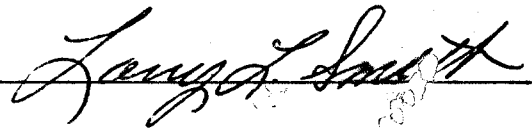
In Payment Of

Applications for Temporary Change of Point of Diversion,  
Place or Purpose of Use- Moore-Amoco "A" #1 Well  
located in NE/4 SW/4, Sec. 16, T3N, R7E,  
Summit County, Utah SLB & M

PAYABLE THROUGH

The First National Bank and Trust Company  
Tulsa, Oklahoma

86-1  
1039



⑈ 230218⑈ ⑆ 103900010⑆

0030098⑈

OPERATOR Amoco Production Co. DATE 7-5-83  
WELL NAME Moore-Amoco "A" #1  
SEC SWSW 16 T 3N R 2E COUNTY Summit

43-043-30236  
API NUMBER

Free  
TYPE OF LEASE

POSTING CHECK OFF:

☐

INDEX

☐

MAP

☐

HL

☐

NTD

☐☐

PI

PROCESSING COMMENTS:

✓ Need request for exception location. Water Rights.  
No other wells within 4960'.

CHIEF PETROLEUM ENGINEER REVIEW:

9/14/83. Geographic & Geological exception  
Mr. Allan Wood, Amoco 1) Amoco has an agreement with landowner  
for drillsite.  
Water OK permit 2) Confidential information (geological) justifies  
rech. 7/14/83 location (B#).

APPROVAL LETTER:

SPACING: ☐ A-3 UNIT

☐ c-3-a CAUSE NO. & DATE

☐ c-3-b

☒ C-3(c)  
C-8(i)

SPECIAL LANGUAGE:

detailing exact  
bottom hole location

Deviation Directional drilling information to be  
submitted with well completion ~~and~~ report.

☒ RECONCILE WELL NAME AND LOCATION ON APD AGAINST SAME DATA ON PLAT MAP.

☒ AUTHENTICATE LEASE AND OPERATOR INFORMATION

☒ VERIFY ADEQUATE AND PROPER BONDING

☒ AUTHENTICATE IF SITE IS IN A NAMED FIELD, ETC.

☐ APPLY SPACING CONSIDERATION

☐ ORDER \_\_\_\_\_

☐ UNIT \_\_\_\_\_

☐ c-3-b

☒ c-3-c

☐ CHECK DISTANCE TO NEAREST WELL.

☐ CHECK OUTSTANDING OR OVERDUE REPORTS FOR OPERATOR'S OTHER WELLS.

☒ IF POTASH DESIGNATED AREA, SPECIAL LANGUAGE ON APPROVAL LETTER

☒ IF IN OIL SHALE DESIGNATED AREA, SPECIAL APPROVAL LANGUAGE.

July 14, 1983

Amoco Production Company  
P. O. Box 829  
Evanston, Wyoming 82930

RE: Well No. Moore-Amoco "A" #1  
SWSW Sec. 16, T. 3N, R. 7E  
Surface - 541' FSL, 1330' FWL  
BHL - 1000' FSL, 660' FWL  
Summit County, Utah

Gentlemen:

Insofar as this office is concerned, approval to drill the above referred to gas well on said unorthodox location is hereby granted in accordance with Rule C-3(c), and Rule C-8(i) General Rules and Regulations and Rules of Practice and Procedure. Directional drilling information detailing exact bottom hole location to be submitted with well completion report.

Should you determine that it will be necessary to plug and abandon this well, you are hereby requested to immediately notify the following:

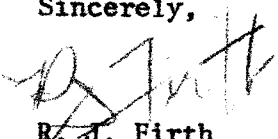
RONALD J. FIRTH - Chief Petroleum Engineer  
Office: 533-5771  
Home: 571-6068

Enclosed please find Form OGC-8-X, which is to be completed whether or not water sands (aquifers) are encountered during drilling. Your cooperation in completing this form will be appreciated.

Further, it is requested that this Division be notified within 24 hours after drilling operations commence, and that the drilling contractor and rig number be identified.

The API number assigned to this well is 43-043-30236.

Sincerely,

  
R. J. Firth  
Chief Petroleum Engineer

RJF/as  
Encl.

Talked to Larry Small  
7/6/83 - will submit  
letter for exception location  
& also apply for water  
rights.

18  
Talked to Marge Costa  
7/7/83 - will send  
exception. B.

7/11/83 Allen Hooke Amoco  
will submit survey  
w/ location change.  
Amoco, Dnr will submit  
letter detailing directional  
drilling procedures.

7/14/83 Allen Wood, Dnr. Hand  
delivered Directional Survey  
request.

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS, AND MINING

## SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. Fee	
2. NAME OF OPERATOR Amoco Production Company		6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
3. ADDRESS OF OPERATOR P.O. Box 829, Evanston, Wyoming 82930		7. UNIT AGREEMENT NAME	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface old location: 1600' FSL & 1392' FWL new location: 541' FSL & 1330' FWL		8. FARM OR LEASE NAME Moore-Amoco "A"	
14. PERMIT NO. Not Assigned		9. WELL NO. #1	
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 8265' GR		10. FIELD AND POOL, OR WILDCAT Wildcat	
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec.16, T3N, R7E	
		12. COUNTY OR PARISH Summit	13. STATE Utah

16.

## Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

## NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF ☐FRACTURE TREAT ☐SHOOT OR ACIDIZE ☐REPAIR WELL ☐(Other) ☐PULL OR ALTER CASING ☐MULTIPLE COMPLETE ☐ABANDON\* ☐CHANGE PLANS ☐

## SUBSEQUENT REPORT OF:

WATER SHUT-OFF ☐FRACTURE TREATMENT ☐SHOOTING OR ACIDIZING ☐(Other) ☐REPAIRING WELL ☐ALTERING CASING ☐ABANDONMENT\* ☐Change of Surface Location ☒

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

Please hold this Sundry Notice until a letter is recieved from our Denver Regional Office concerning the above referenced location. This letter will provide the necessary information concerning our anticipated directional drilling program to attain legal spacing.

APPROVED BY THE STATE  
OF UTAH DIVISION OF  
OIL, GAS, AND MINING

DATE: 11/14/82  
BY: [Signature]

18. I hereby certify that the foregoing is true and correct

SIGNED [Signature]TITLE Staff admin. analyst (CSC)DATE 7/11/83

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_

TITLE \_\_\_\_\_

DATE \_\_\_\_\_

CONDITIONS OF APPROVAL, IF ANY:



Amoco Production Company  
P.O. Box 829  
Evanston, WY 82930

July 6, 1983

State of Utah  
Division of Oil, Gas, and Mining  
4241 State Office Building  
Salt Lake City, UT 84114

File: JEK-8-403/WF

Application for Permit to Drill - Water Permit  
Application - Moore Amoco "A" #1

In response to the recently enacted requirement that water be legally permitted prior to APD Approval, enclosed are copies of our applications for temporary change of point of diversion, place or purpose of use.

Upon approval, these applications will provide the eight acre feet, as required by the State Engineer's Office, for the wells drilled in the Chalk Creek Drainage. Upon receipt of the approved applicaitons, copies will be forwarded to your office.

Your assistance in this matter is appreciated. If you have any questions, please contact Alan Hoki at (307) 789-1700 ext. 2256.

T. G. Doss  
District Superintendent

AH/fah

Enclosures

**RECEIVED**

JUL 14 1983

**DIVISION OF  
OIL, GAS & MINING**



**Amoco Production Company (USA)**

Denver Region  
Amoco Building  
17th & Broadway  
Denver, Colorado 80202  
303-830-4040

July 14, 1983

Dr. G. A. Shirazi - Director (6)  
Utah Division of Oil, Gas and Mining  
4241 State Office Building  
Salt Lake City, UT 84114

File: SWS-911-986.511

Application for Approval of Directional Drilling  
Moore-Amoco "A" No. 1  
Section 16 - Township 3 North - Range 7 East  
Summit County, Utah

---

Amoco Production Company respectfully requests administrative approval for the directional drilling of the Moore-Amoco "A" No. 1, as provided in Rule C-8(i). This well is to be drilled as a wildcat test of the Nugget formation, with a projected TD of 14,500 ft. The directional drilling of this well is required due to topography. Enclosed, as part of this application, is a topographical map of this area as well as a well location-ownership plat.

Amoco Production Company, as operator of this well, proposes to directionally drill this well from a surface location 541' FSL and 1330' FWL of Section 16-T3N-R7E to a bottomhole location at approximately 1000' FSL and 600' FWL of Section 16-T3N-R7E, Summit County, Utah. Specifically, Amoco is requesting approval to allow us to directionally control the drilling of the Moore-Amoco "A" No. 1 to penetrate the Nugget formation in a target area which will be no closer than 500 ft. to any property or lease line or from the boundary of any legal subdivision comprising a governmental quarter-quarter section or equivalent lot or lots. The proposed bottomhole location is approximately 580 ft. to the west of Tract 5 and 1129 ft. to the south of Tract 4.

*R. B. Giles*  
R. B. Giles *Law*

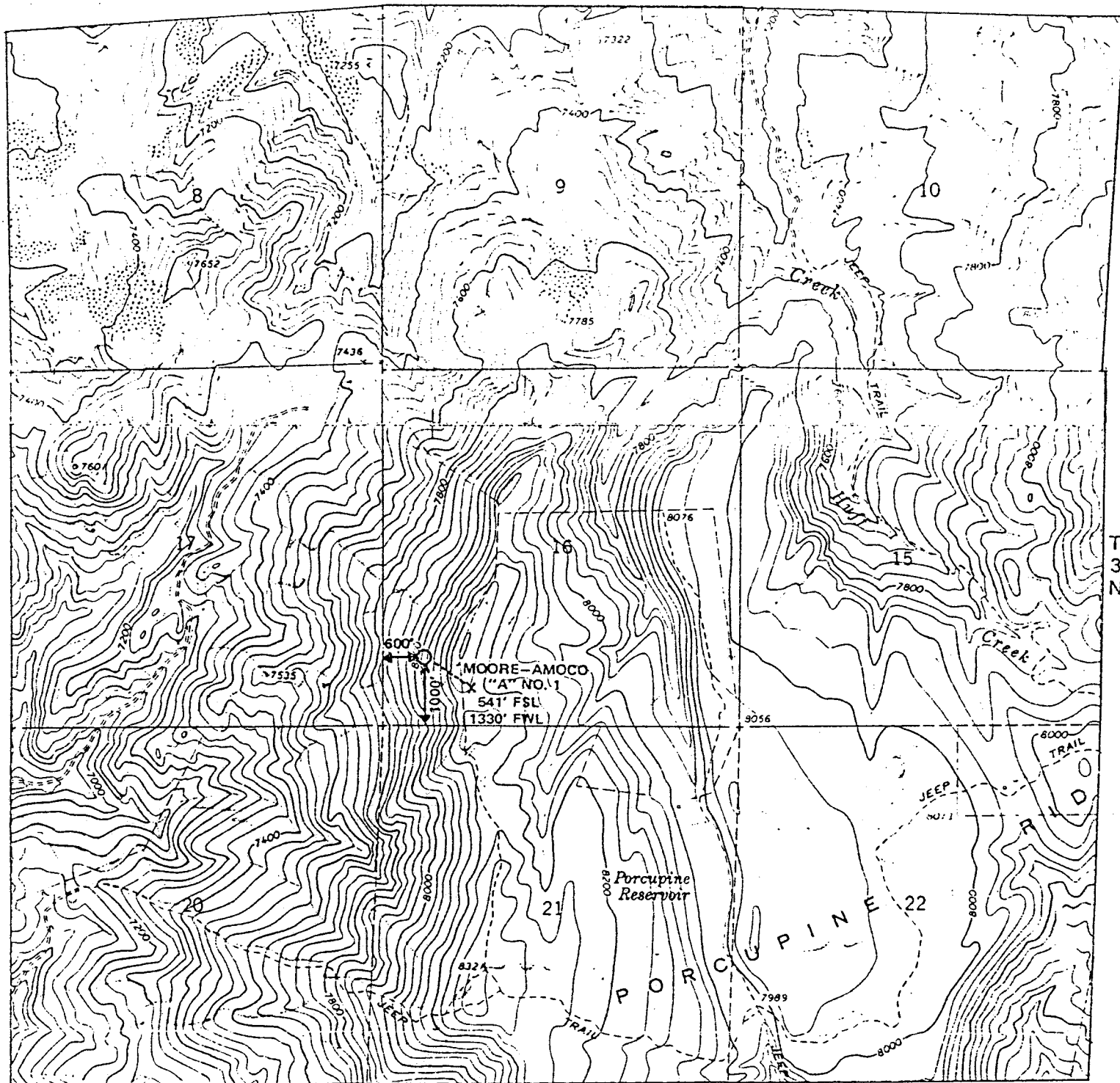
CAW/h1

Enclosures

**APPROVED BY THE STATE  
OF UTAH DIVISION OF  
OIL, GAS, AND MINING**  
DATE: 7/14/83  
BY: [Signature]



R7E



X SURFACE LOCATION

O BOTTOM HOLE LOCATION

NOTE: FROM UPTON AND CASTLE ROCK QUADRANGLES  
PUBLISHED BY THE GEOLOGICAL SURVEY.

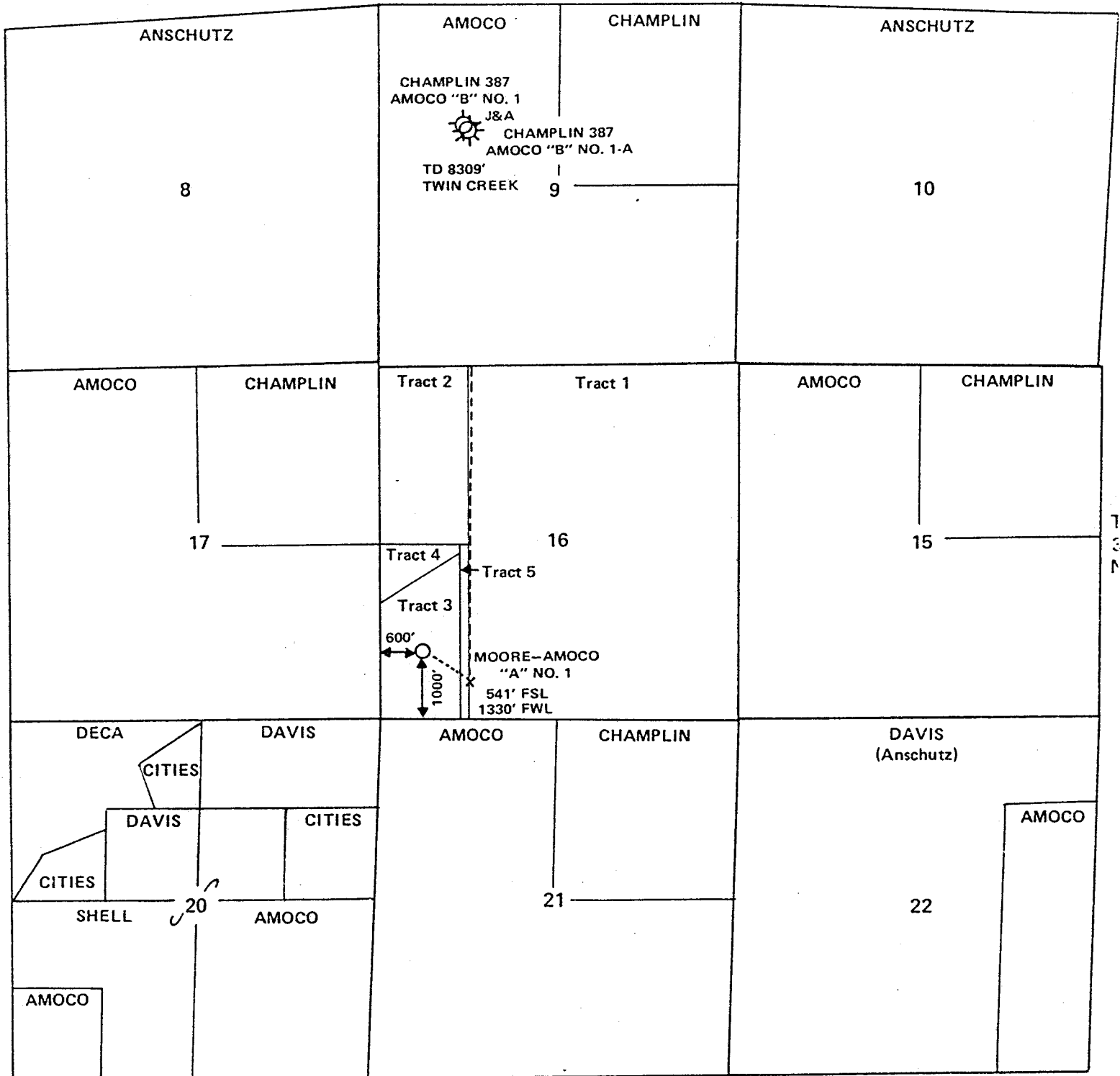
TOPOGRAPHY

AMOCO PRODUCTION COMPANY  
DENVER REGION

SUMMIT CO., UTAH

Scale: 1" = 2000'

R7E



- X SURFACE LOCATION
- BOTTOM HOLE LOCATION
- ⊗ JUNKED AND ABANDONED
- ⊗ TWIN CREEK PRODUCER

OWNERSHIP PLAT  
 AMOCO PRODUCTION COMPANY  
 DENVER REGION  
 SUMMIT CO., UTAH  
 Scale: 1" = 2000'

WORKING INTEREST OWNERS  
SECTION 16 - TOWNSHIP 3 NORTH - RANGE 7 EAST  
SUMMIT COUNTY, UTAH

Tract No. 1

Amoco Production Company	100.0%
--------------------------	--------

Tract No. 2

NW Exploration	66.6%
Trend Minerals	16.7%
Wexpro	16.7%

Tract No. 3

Amoco Production Company	97.6%
Earl Peet - unleased	0.8%
Deann P. Lay - unleased	0.8%
Mozelle Ruark - unleased	0.8%

Tract No. 4

Amoco Production Company	97.6%
Earl Peet - unleased	0.8%
Deann P. Lay - unleased	0.8%
Mozelle Ruark - unleased	0.8%

Tract No. 5

Amoco Production Company	22.1%
Deca	26.2%
Mel Gustaveson - unleased	5.6%
Alfred Gustaveson - unleased	5.6%
Lucile G. Powell - unleased	2.4%
Affalone P. Caldwell Estate - unleased	16.7%
Carol Trands - unleased	3.3%
Rose N. Lee Estate - unleased	0.3%
Marvin Charles Nelson Estate - unleased	0.3%
Alleen N. Gentry Estate - unleased	0.3%
Alburn Nelson Estate - unleased	0.3%
Della N. White Estate - unleased	0.3%
Veloy N. Ashley - unleased	0.3%
Earl Peet - unleased	4.9%
Deann P. Lay - unleased	4.9%
Mozelle Ruark - unleased	4.9%
Marian M. Smith - unleased	0.4%
Fern M. Larsen Black - unleased	0.4%
Marie M. Bevan - unleased	0.4%
Dorothy M. Welde Barkow - unleased	0.4%

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS, AND MINING

## SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER		5. LEASE DESIGNATION AND SERIAL NO. Fee	
2. NAME OF OPERATOR Amoco Production Company		6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
3. ADDRESS OF OPERATOR P.O. Box 829, Evanston, WY 82930		7. UNIT AGREEMENT NAME	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 541' FSL & 1330' FWL		8. FARM OR LEASE NAME Moore-Amoco "A"	
14. PERMIT NO. 43-043-30236		9. WELL NO. 1	
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 8265' GR		10. FIELD AND POOL, OR WILDCAT Wildcat	
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 16, T3N, R7E	
		12. COUNTY OR PARISH Summit	13. STATE Utah

## 16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

## NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>
(Other) <input type="checkbox"/>	

## SUBSEQUENT REPORT OF:

WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
(Other) <u>Change of Status</u>	<input checked="" type="checkbox"/>

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

Effective immediately, please classify the subject well as a "Tight Hole" with all information held confidential.

RECEIVED  
AUG 01 1983  
DIVISION OF  
OIL GAS & MINING

TIGHT  
HOLE

18. I hereby certify that the foregoing is true and correct

SIGNED

*Larry D. Smith*

TITLE

Staff Admin. Analyst (SG)

DATE

7-29-83

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

\*See Instructions on Reverse Side

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS, AND MINING

## SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. <input type="checkbox"/> OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER		5. LEASE DESIGNATION AND SERIAL NO. Fee	
2. NAME OF OPERATOR AMOCO PRODUCTION COMPANY DRAWER 829		6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
3. ADDRESS OF OPERATOR EVANSTON, WY 82930		7. UNIT AGREEMENT NAME	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface  541' FSL & 1330" FWL		8. FARM OR LEASE NAME Moore - Amoco "A"	
14. PERMIT NO. 43-043-30236		9. WELL NO. #1	
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 8265' GR		10. FIELD AND POOL, OR WILDCAT Wildcat	
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec, 16, T3N, R7E	
		12. COUNTY OR PARISH Summit	13. STATE Utah

## 16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

## NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF ☐FRACTURE TREAT ☐SHOOT OR ACIDIZE ☐REPAIR WELL ☐

(Other)

PULL OR ALTER CASING ☐MULTIPLE COMPLETE ☐ABANDON\* ☐CHANGE PLANS ☐

## SUBSEQUENT REPORT OF:

WATER SHUT-OFF ☐FRACTURE TREATMENT ☐SHOOTING OR ACIDIZING ☐(Other) Report of Operations ☒

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

REPAIRING WELL ☐ALTERING CASING ☐ABANDONMENT\* ☐

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

August 24, 1983  
 Current TD: 4937'  
 Spud Date: 7-27-83  
 Drilling Company: Chase #5

TIGHT  
HOLE

RECEIVED

SEP 07 1983

DIVISION OF  
OIL, GAS & MINING

18. I hereby certify that the foregoing is true and correct

SIGNED

*R. J. Urban*

TITLE

Staff Admin. Analyst (SG)

DATE

8-30-83

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS, AND MINING

SUBMIT LICATE\*  
(Other conditions on  
reverse side)

## SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. <input type="checkbox"/> OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER		5. LEASE DESIGNATION AND SERIAL NO.  <div style="text-align: center;">FEE</div>
2. NAME OF OPERATOR  <div style="text-align: center;">Amoco Production Company</div>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
3. ADDRESS OF OPERATOR  <div style="text-align: center;">P. O. Box 829, Evanston, WY 82930</div>		7. UNIT AGREEMENT NAME  
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface  <div style="text-align: center;">541' FSL &amp; 1330' FWL</div>		8. FARM OR LEASE NAME  <div style="text-align: center;">Moore-Amoco "A"</div>
14. PERMIT NO.  <div style="text-align: center;">43-043-30236</div>		9. WELL NO.  <div style="text-align: center;">#1</div>
15. ELEVATIONS (Show whether DF, RT, GR, etc.)  <div style="text-align: center;">8265' GR</div>		10. FIELD AND POOL, OR WILDCAT  <div style="text-align: center;">Wildcat</div>
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  <div style="text-align: center;">Sec. 16, T3N, R7E</div>
		12. COUNTY OR PARISH  <div style="text-align: center;">Summit</div>
		13. STATE  <div style="text-align: center;">Utah</div>

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF ☐

FRACTURE TREAT ☐

SHOOT OR ACIDIZE ☐

REPAIR WELL ☐

(Other) ☐

PULL OR ALTER CASING ☐

MULTIPLE COMPLETE ☐

ABANDON\* ☐

CHANGE PLANS ☐

SUBSEQUENT REPORT OF:

WATER SHUT-OFF ☐

FRACTURE TREATMENT ☐

SHOOTING OR ACIDIZING ☐

(Other) Report of Operations ☒

REPAIRING WELL ☐

ALTERING CASING ☐

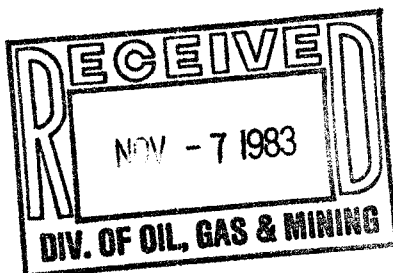
ABANDONMENT\* ☐

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

Date 10-22-83  
Drilling ahead  
Total Depth 10,015'

TIGHT HOLE



18. I hereby certify that the foregoing is true and correct

SIGNED

*Larry L. Smith*

TITLE St. Administrative Analyst

(SG)  
DATE

11/3/83

(This space for Federal or State office use)

APPROVED BY

TITLE

CONDITIONS OF APPROVAL, IF ANY:

DATE

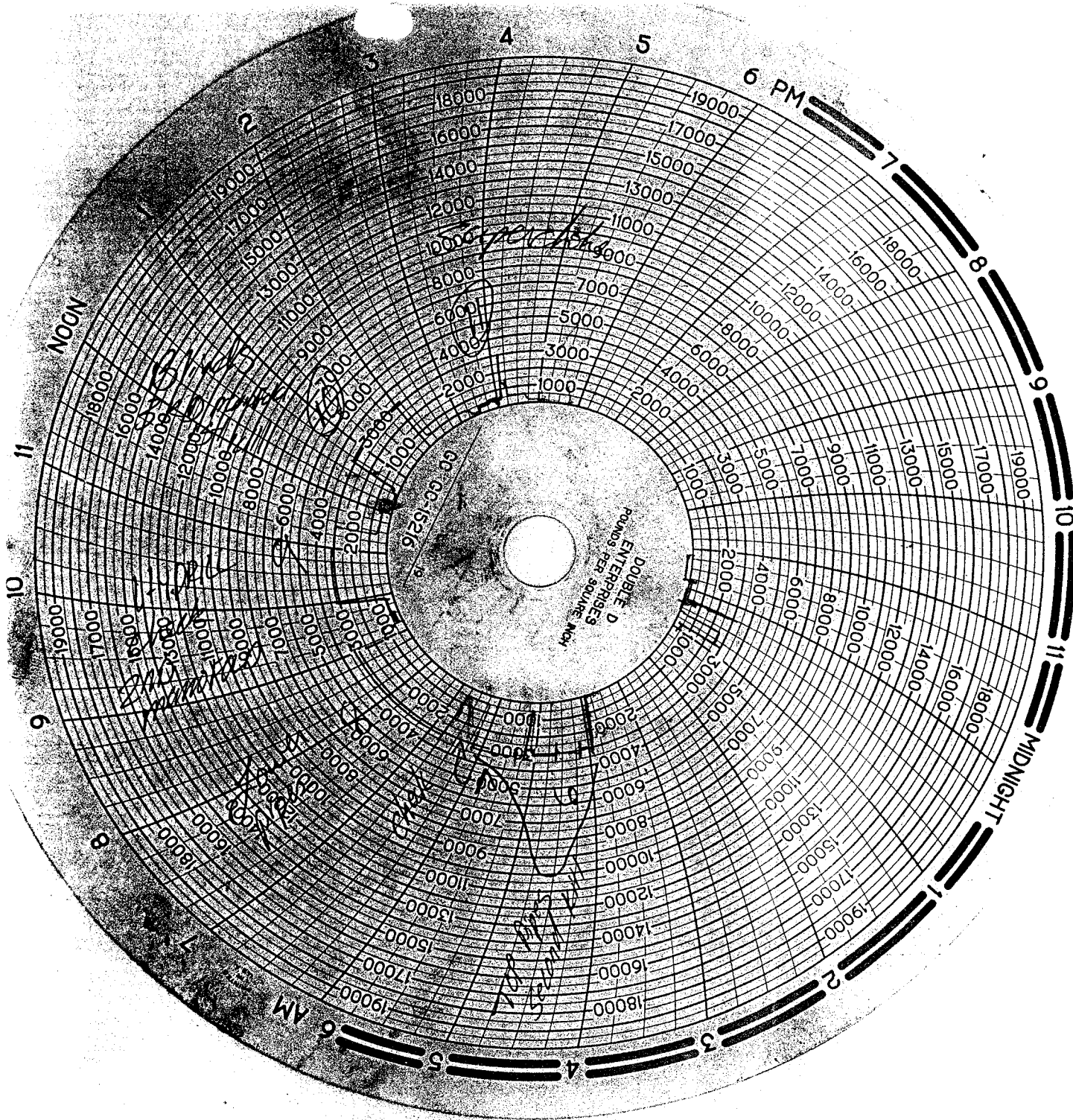
\*See Instructions on Reverse Side

Amoco  
CHARE 5  
10-24-83

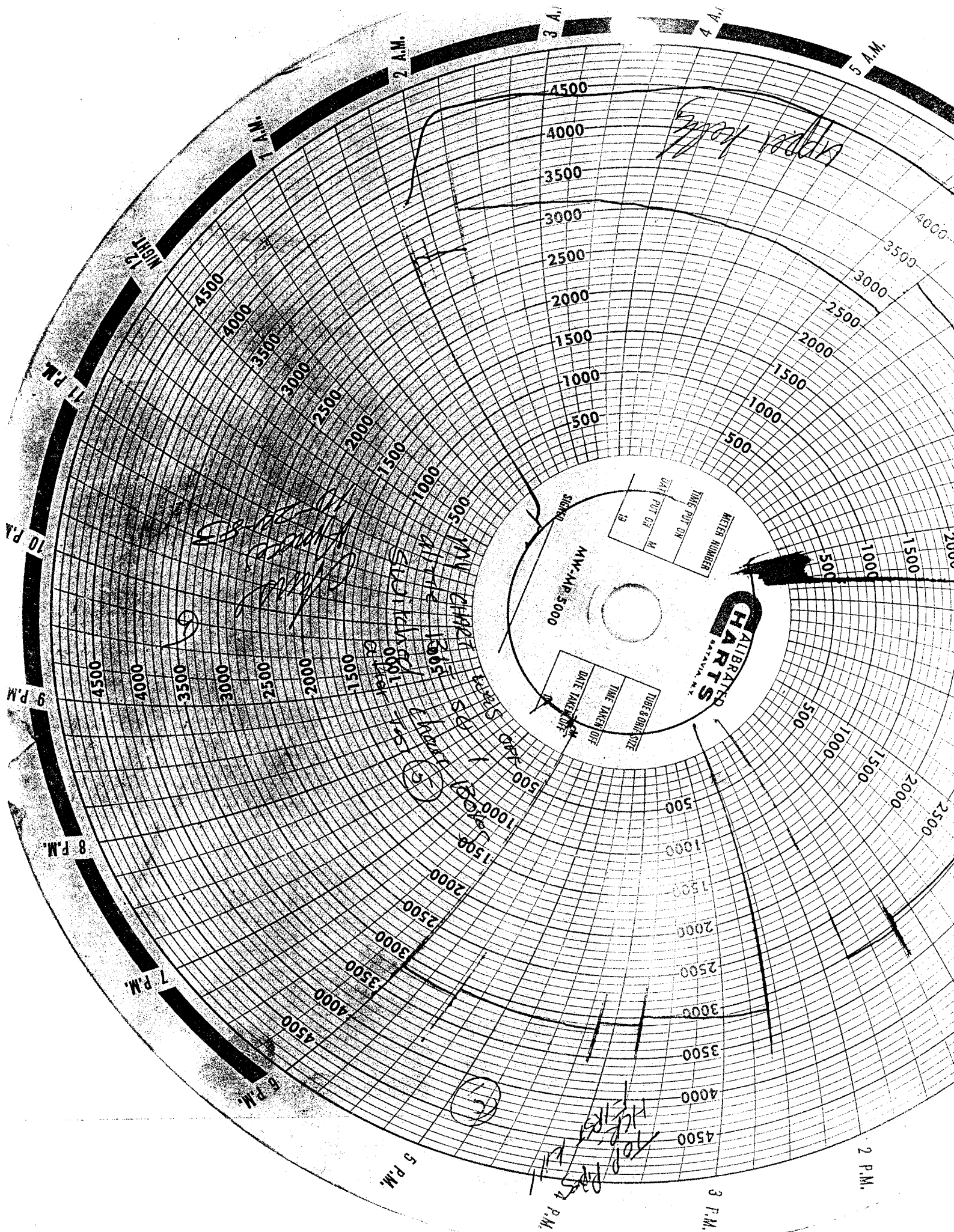
moore Amoco  
well no. A# 1  
API no 16-T3N-R7E  
C-man Joe Scurlock

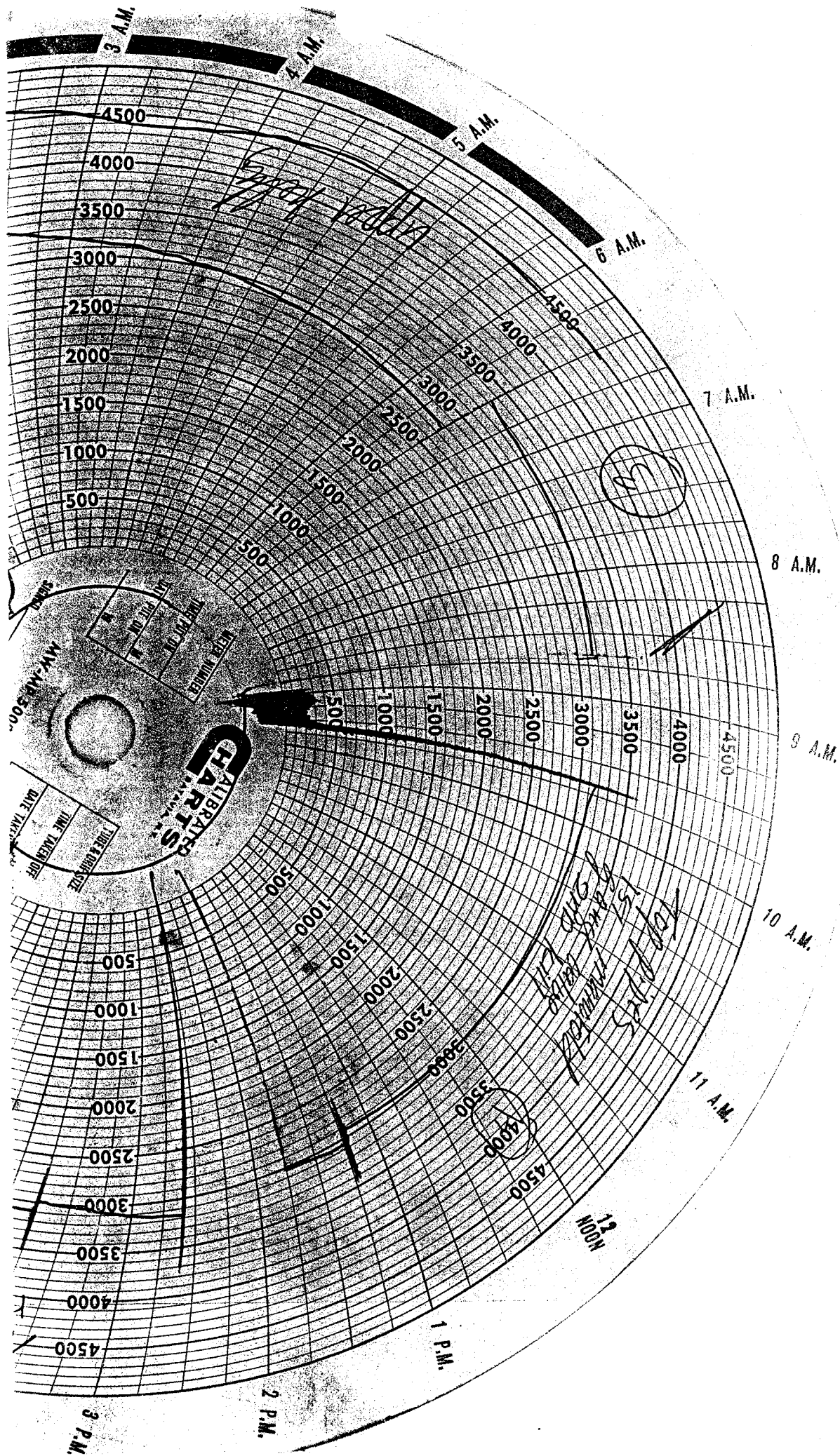
Field w/c  
Summit, Utah.

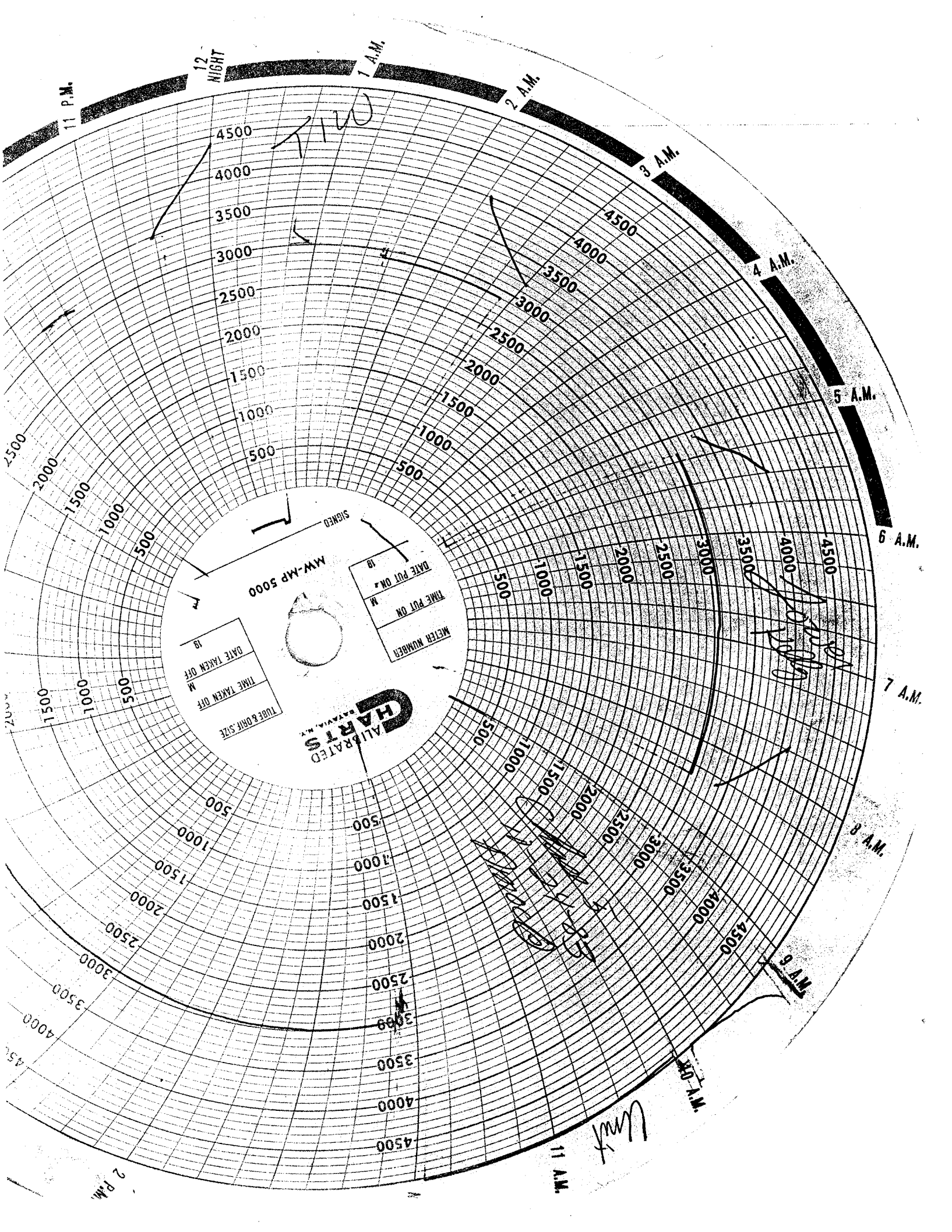
Test Time	Results
① 1:48	TIW VALVE HAD ALITTLE TROUBLE GETTING IT OPEN
② 2:11	Lower Kelly
③ 2:29	Upper Kelly TOP Kelly lost 150. pounds in Ten minutes Ran TWO Ten minute TEST on it
④ 4:24	TOP Pipes - 1ST MANIFOLD & gauge valve. - 2ND kill valve 2:44 till 4:20 - crew finished nipping up & fixing broken koomey/las
⑤ 4:44	TOP PIPES - HCR - FIRST kill valve
⑥ 5:06	TOP Pipes - 4" - Second kill valve
5:30	had to jack air out a couple of times.
⑦	I'm going to bit check with some pressure. no hold so were taking it apart.
⑧ 5:34	Lower Pipes (no gas in check valve.) but we put some in.
9. 6:05	HYDRA - check - 2ND manifold.
10. 6:32	Bleeds - 3RD manifold. - 1st kill 5 min. have BLEEDS pressure but no hold.











12 NIGHT

1 A.M.

2 A.M.

3 A.M.

4 A.M.

5 A.M.

6 A.M.

7 A.M.

8 A.M.

9 A.M.

10 A.M.

11 A.M.

12 P.M.

1 P.M.

MM-MP 5000

CALIBRATED  
CHARTS  
BAYVIEW, N.Y.

TUBE BOARD SIZE  
DATE TAKEN OFF  
M  
IB

METER NUMBER  
DATE PUT ON  
M  
IB

SIGNED

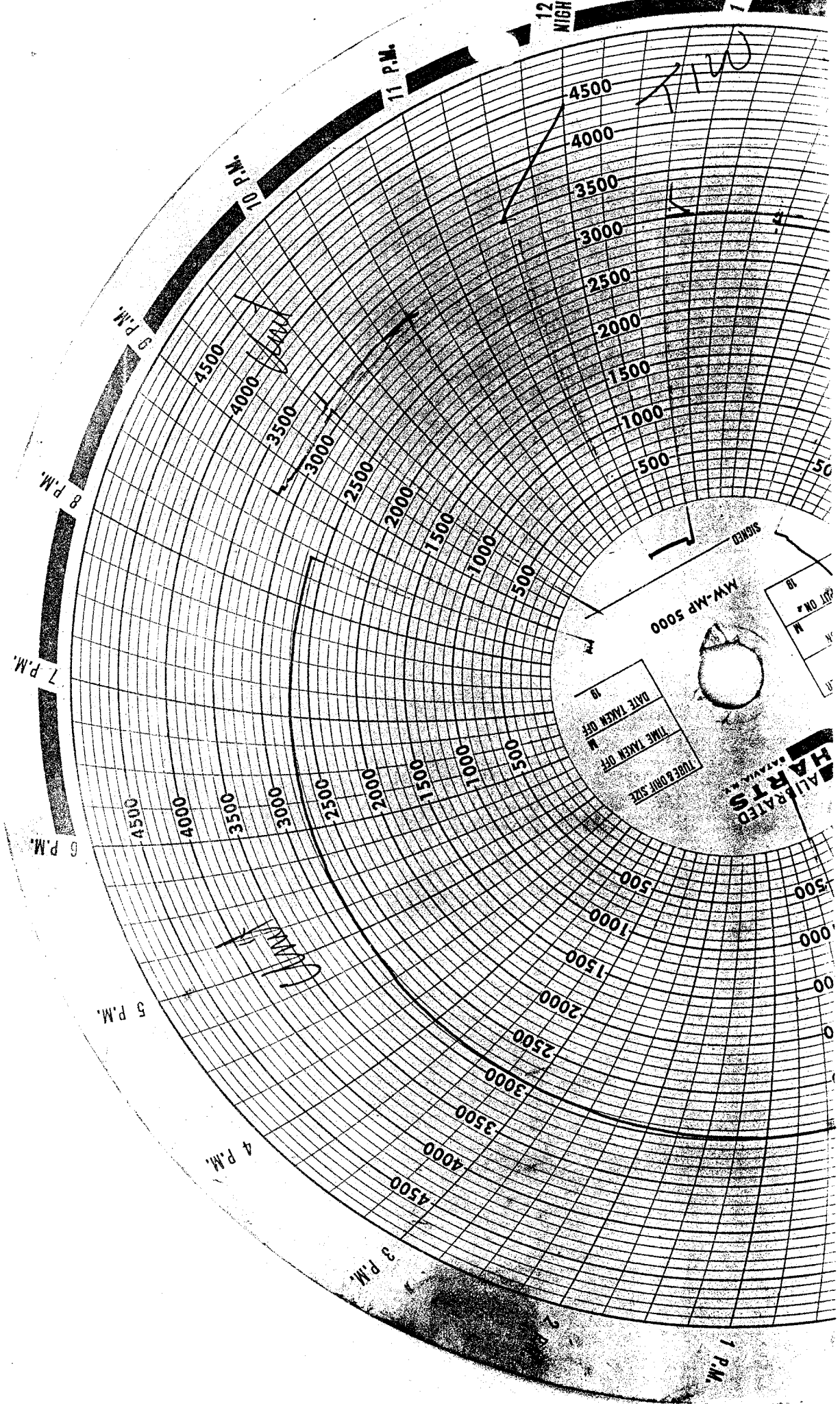
T120

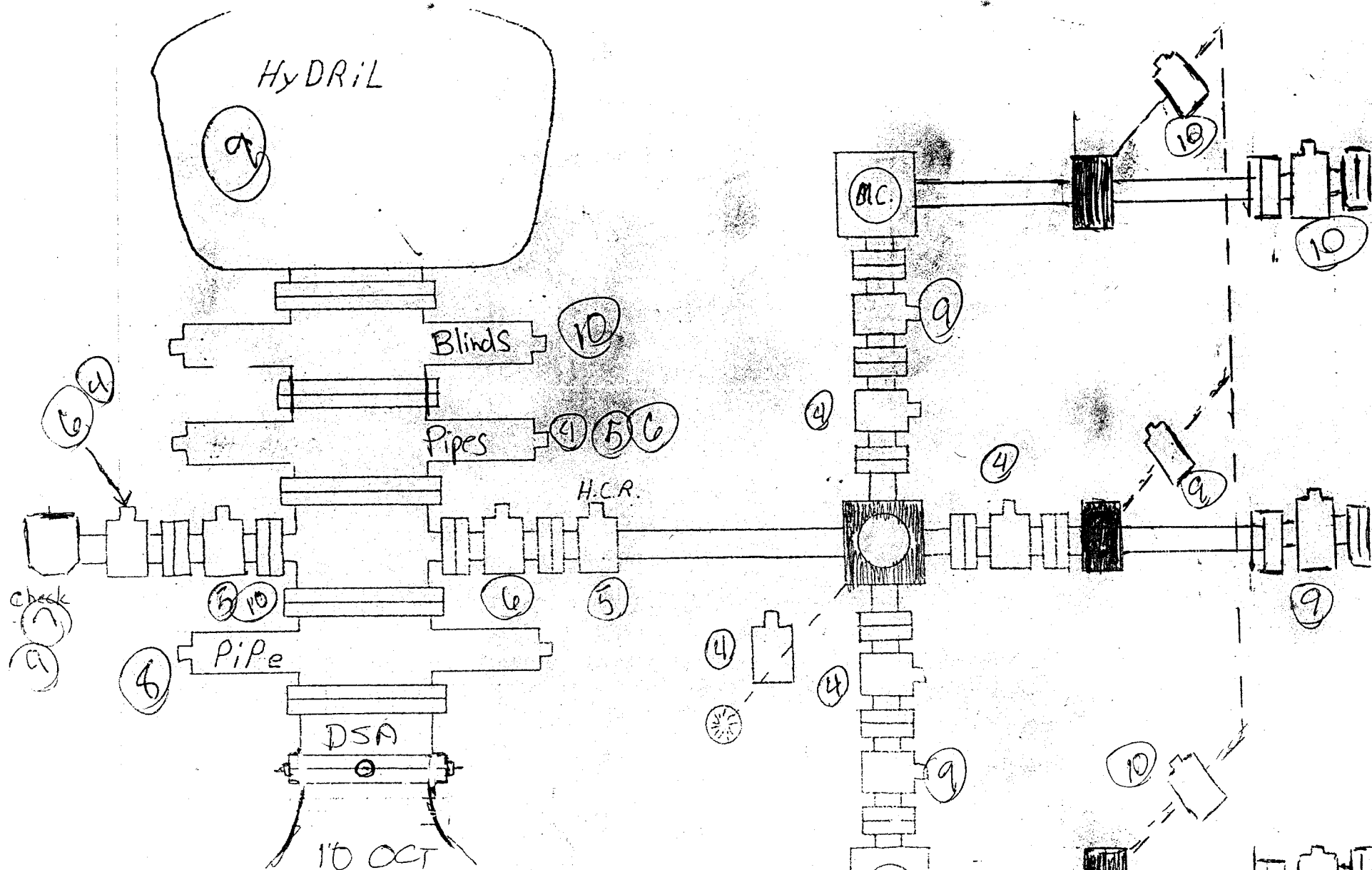
1000

1000

Unit







Amold  
 Chase 5  
 10-24-83

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS, AND MINING

SUBM. IN TRIPLICATE\*  
(Other instructions on  
reverse side)

## SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals.)

<b>1. OIL WELL</b> <input type="checkbox"/> <b>GAS WELL</b> <input checked="" type="checkbox"/> <b>OTHER</b> <input type="checkbox"/> <b>2. NAME OF OPERATOR</b> Amoco Production Company <b>3. ADDRESS OF OPERATOR</b> P.O. Box 829, Evanston, WY 82930 <b>4. LOCATION OF WELL</b> (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface  541' FSL & 1330' FWL <b>14. PERMIT NO.</b> 43-043-30236 <b>15. ELEVATIONS</b> (Show whether DF, RT, GR, etc.) 8265' GR		<b>5. LEASE DESIGNATION AND SERIAL NO.</b> FEE <b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME</b>  <b>7. UNIT AGREEMENT NAME</b>  <b>8. FARM OR LEASE NAME</b> Moore-Amoco "A" <b>9. WELL NO.</b> #1 <b>10. FIELD AND POOL, OR WILDCAT</b> Wildcat <b>11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA</b> Sec. 16, T3N, R7E <b>12. COUNTY OR PARISH</b> Summit <b>13. STATE</b> Utah
--	--	---

**16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data**

**NOTICE OF INTENTION TO:**

TEST WATER SHUT-OFF ☐FRACTURE TREAT ☐SHOOT OR ACIDIZE ☐REPAIR WELL ☐(Other) ☐PULL OR ALTER CASING ☐MULTIPLE COMPLETE ☐ABANDON\* ☐CHANGE PLANS ☐

**SUBSEQUENT REPORT OF:**

WATER SHUT-OFF ☐FRACTURE TREATMENT ☐SHOOTING OR ACIDIZING ☐(Other) ☐REPAIRING WELL ☐ALTERING CASING ☐ABANDONMENT\* ☐

Report of Operations

(NOTE: Report results of multiple completion on Well  
Completion or Recompletion Report and Log form.)

**17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS** (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.) \*

Sept. 15, 1983

Drilling ahead

Total depth 6445'

# TIGHT HOLE

RECEIVED  
SEP 27 1983

DIVISION OF  
OIL, GAS & MINING

**18. I hereby certify that the foregoing is true and correct**

SIGNED

*James Smith*

TITLE Staff Admin Analyst (SC)

DATE

*9/28/83*

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

Utah m

# DOUBLE "D" ENTERPRISES

B.O.P. Test Report

B.O.P. TEST PERFORMED ON (DATE)..... 9-8-83

OIL CO.: ..... Amoco

WELL NAME & NUMBER..... Moore - Amoco # 1

SECTION..... 16

TOWNSHIP..... 3-N

RANGE..... 7-E

COUNTY..... Summit, Utah

DRILLING CONTRACTOR..... Chase #5

INVOICES BILLED FROM: **DOUBLE "D" ENTERPRISES, INC.**  
213 Pine Street - Box 560  
Shoshoni, Wyoming 82649  
Phone: (307) 876-2308 or (307) 876-2234

TESTED BY: **DOUBLE "D" ENTERPRISES, INC.**  
712 Morse Lee Street  
Evanston, Wyoming 82930  
Phone: (307) 789-9213 or (307) 789-9214

OIL CO. SITE REPRESENTATIVE..... Joe Sherlock & Jerry Adams

RIG TOOL PUSHER..... Ervin Keyes

TESTED OUT OF..... Evanston

NOTIFIED PRIOR TO TEST: ..... Utah Oil & Gas

COPIES OF THIS TEST REPORT SENT COPIES TO: ..... Amoco Site Rep

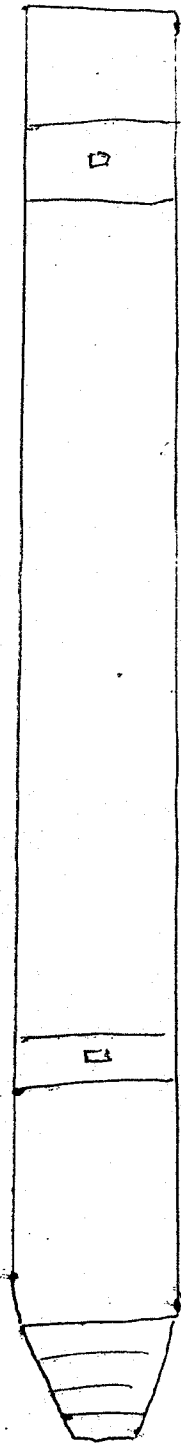
..... Utah Oil & Gas

ORIGINAL CHART & TEST REPORT ON FILE AT: ..... Evanston ..... OFFICE

# Time Explanation & Tests Explanation

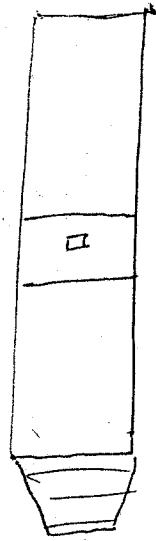
- 2 AM - Arrived on location ✓
- 2 AM - 4:00 P.M. w/o welder to weld on HEAD & clean Ring grooves & put together spool & DSA.
- 4 PM - 2 AM Stack on & nipple up
- 2 AM - 12:00 Noon Fabricate Flow line & Fabricate & Replumb Koomex lines
- 12-12:15 Kelly up & Rig up safety valve & Kelly sub
- #1 Safety valve 5000 15 min OK
- #2 Lower Kelly 5000 15 min OK
- #3 Upper Kelly 5000 15 min OK
- NOTE During Kelly Test we chained Kelly back to Rat hole & ran plug & filled stack
- 1:15 #4 Lower pipes 5000 15 min OK
- #5 Test Attempt on upper pipes leaking on Ram Doors BOTH of them
- 1:30 - 2:00 Tighten Ram Doors
- 2:00 - 2:15 #6 Upper pipes 1st manual on Kill line 1st manual on choke line 5000 15 minutes OK
- 2:15 - 2:30 #7 Upper pipe 2nd manual on Kill line HCR 5000 15 min OK
- 2:30 - 2:45 #8 Upper Pipes Vertical manifold value 1st 3 manifold values check value 5000 15 min OK
- 2:45 - 3:15 #9 Work Hydril test Hydril 1500 15 min OK
- 3:15 - 3:45 #10 Back out joint tie into manifold to test Blinds Test Blinds 5000 15 min OK 2nd 4 manifold values
- 3:45 - 5:00 Pull plug Rig down plug Rig up Retriever RUN & set wear Ring Rig down Retriever & top sub, Kelly DOWN Rig down Kelly sub & safety value #
- 5:00 - 5:30 #11 Work on choke panel test super choke 5000 15 min OK
- #12 5:30 - 5:45 Test Back 4 manifold values 5000 15 min OK
- 5:30 - 6:30 Drained manifold & choke line closed & Allened valves correctly & Rig down & spool up



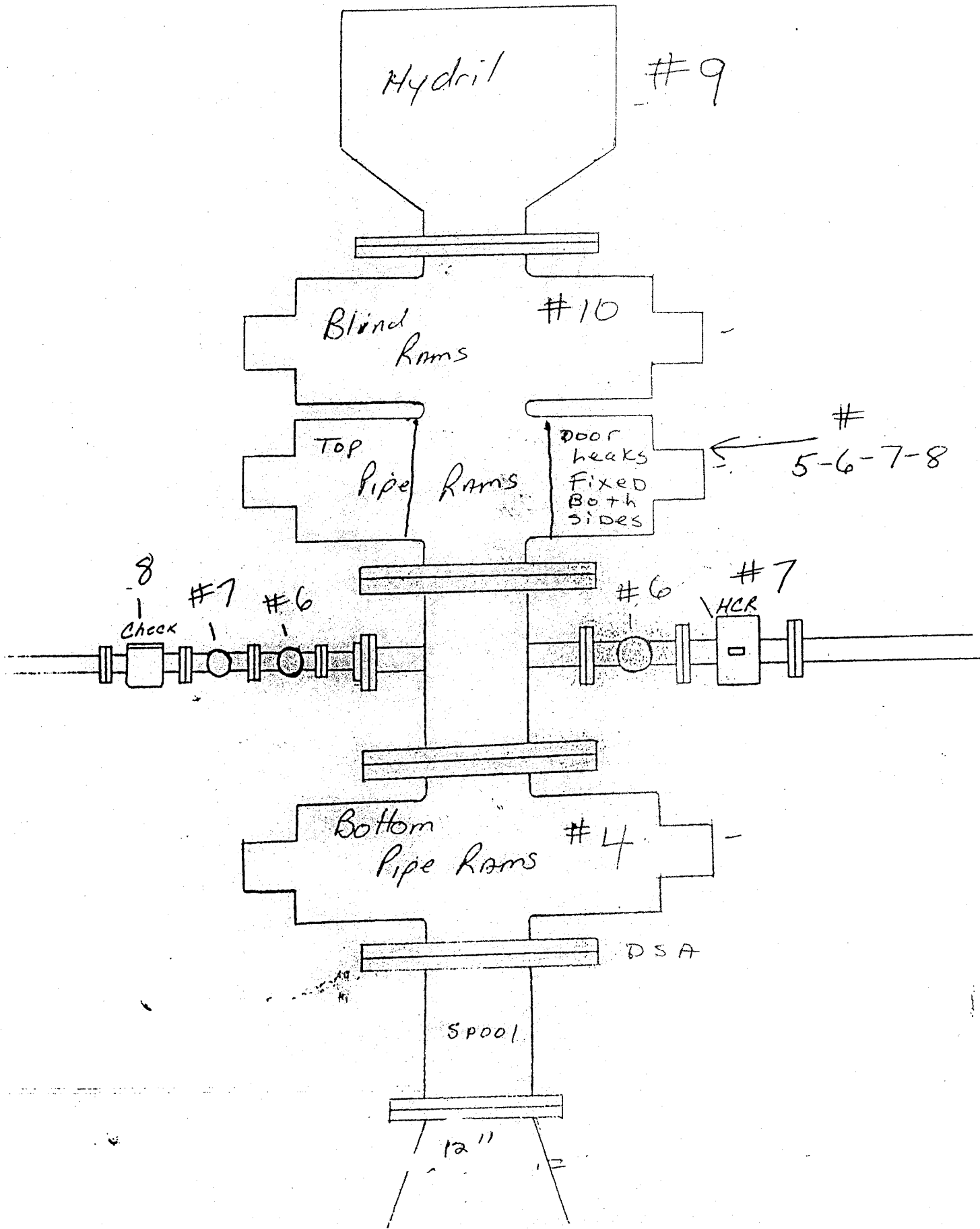


upper  
Kelly  
# 3

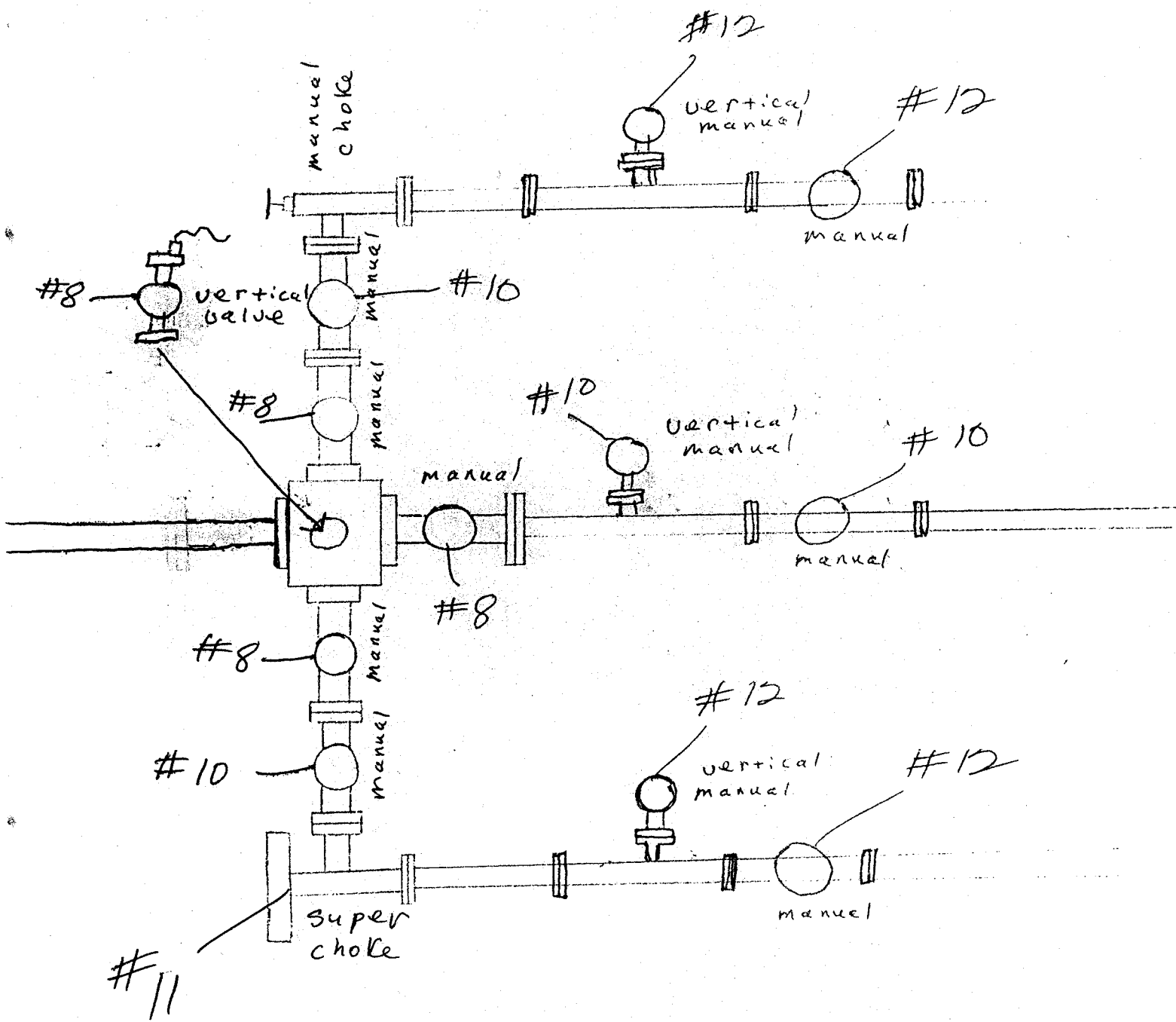
lower  
Kelly  
# 2

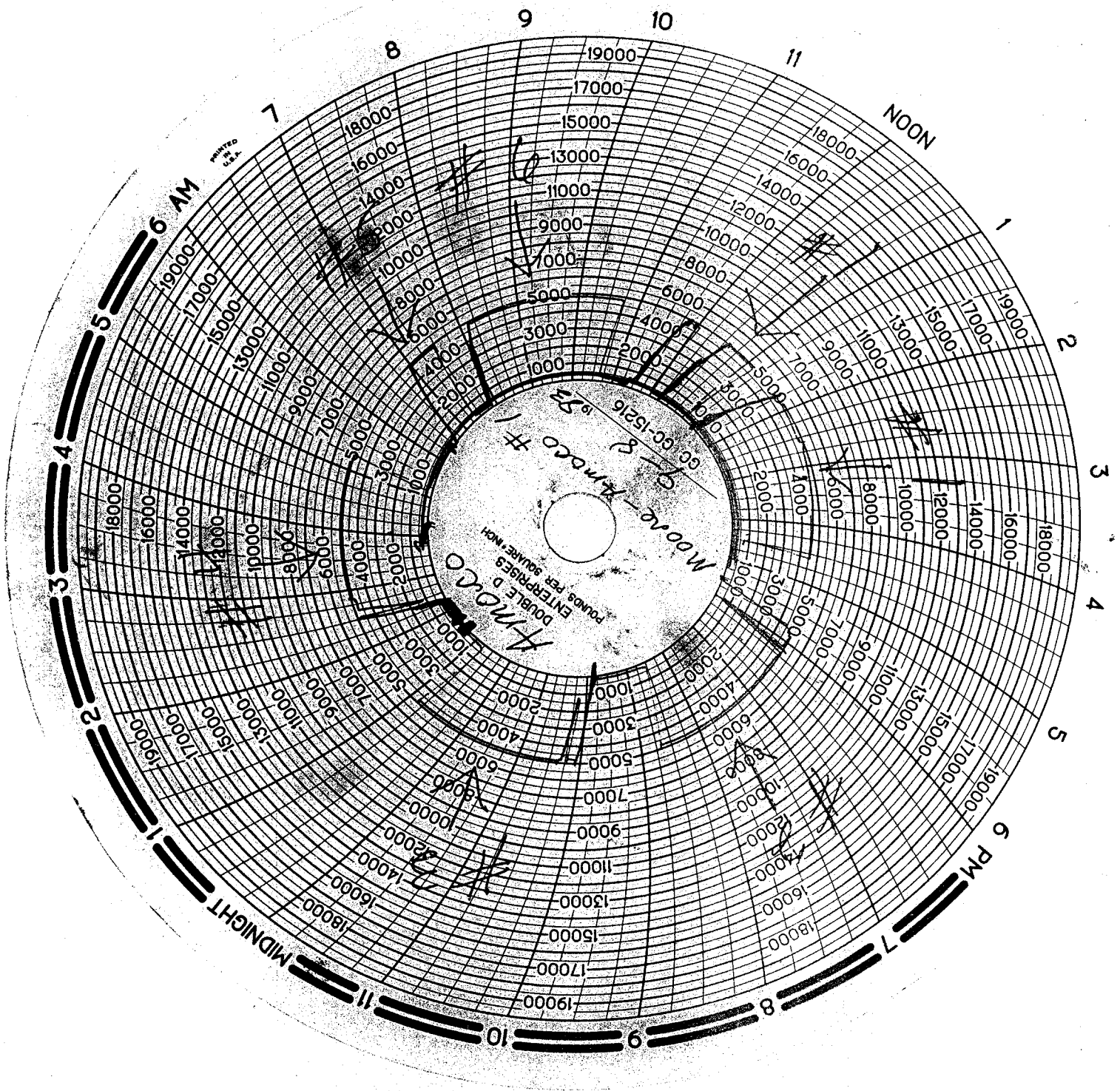


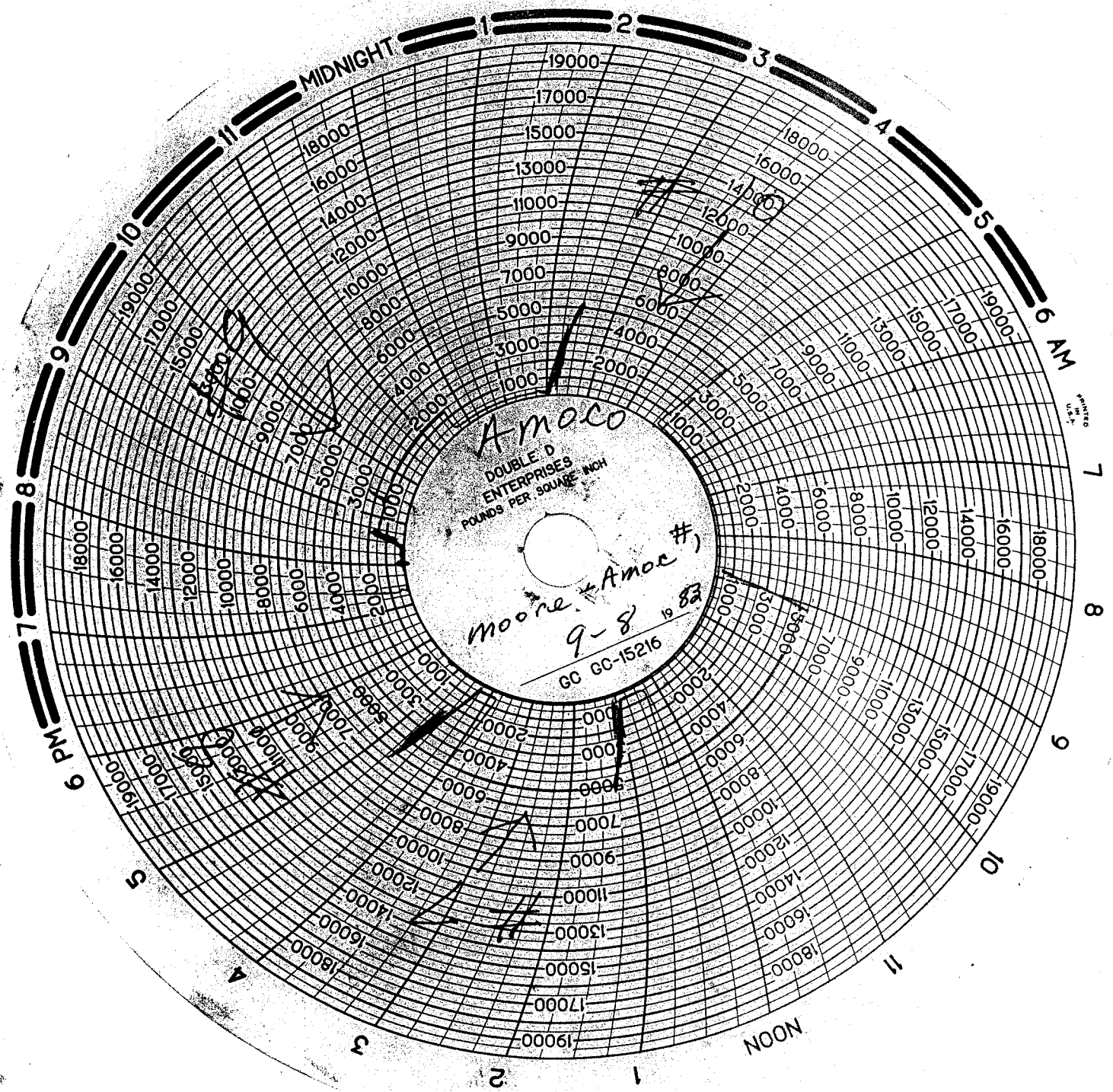
Safety  
valve  
# 1

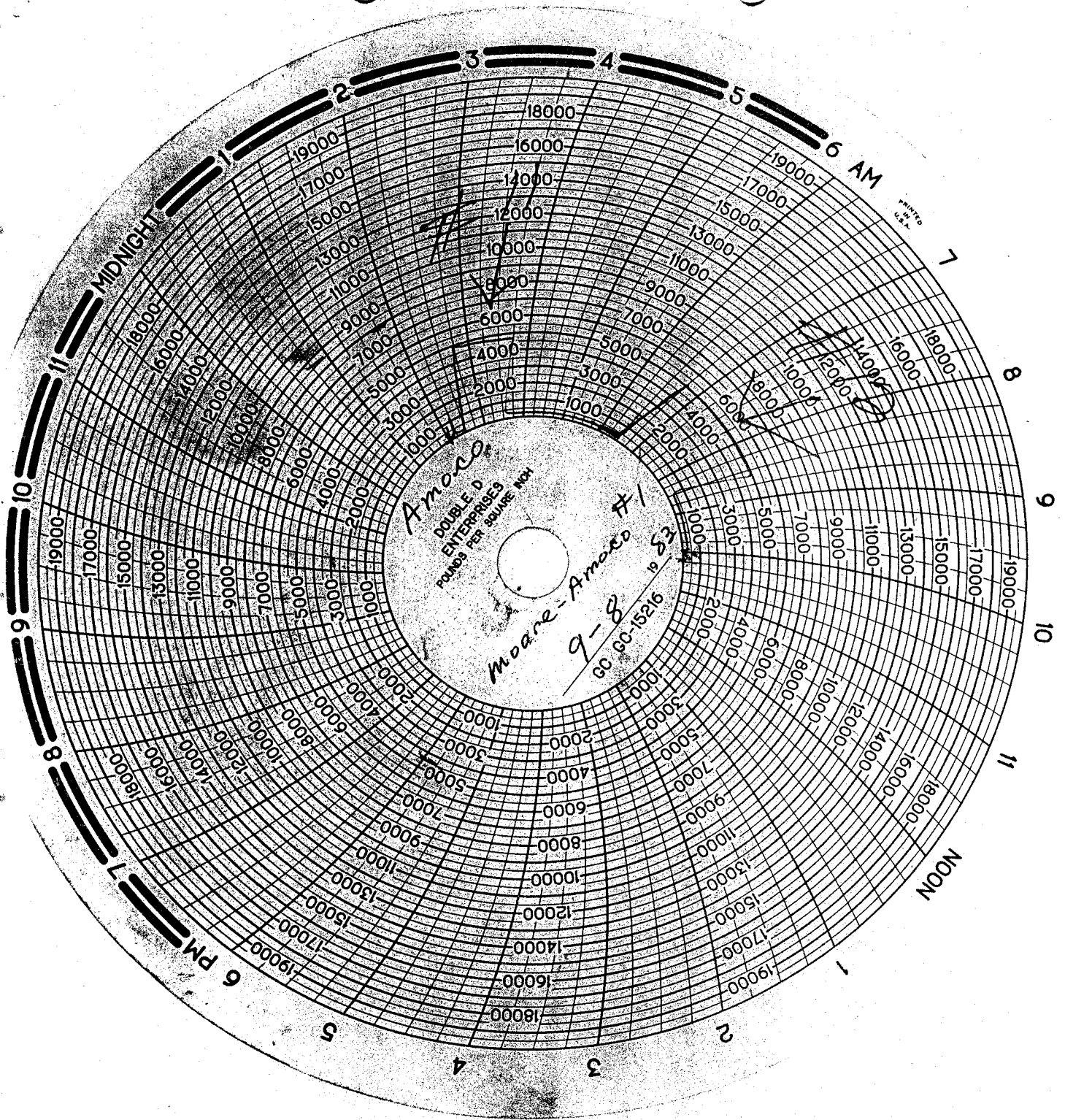


1-18











**Amoco Production Company**

Denver Region  
1670 Broadway  
P.O. Box 800  
Denver, Colorado 80201  
303-830-4040

November 30, 1983

Dr. Dianne R. Nielson - Director (6)  
Utah Division of Oil, Gas and Mining  
4241 State Office Building  
Salt Lake City, Utah 84114

File: RBG-8-986.511

Application for Well Location Exception  
Moore - Amoco "A" No. 1  
Section 16-Township 3 North - Range 7 East  
Summit County, Utah

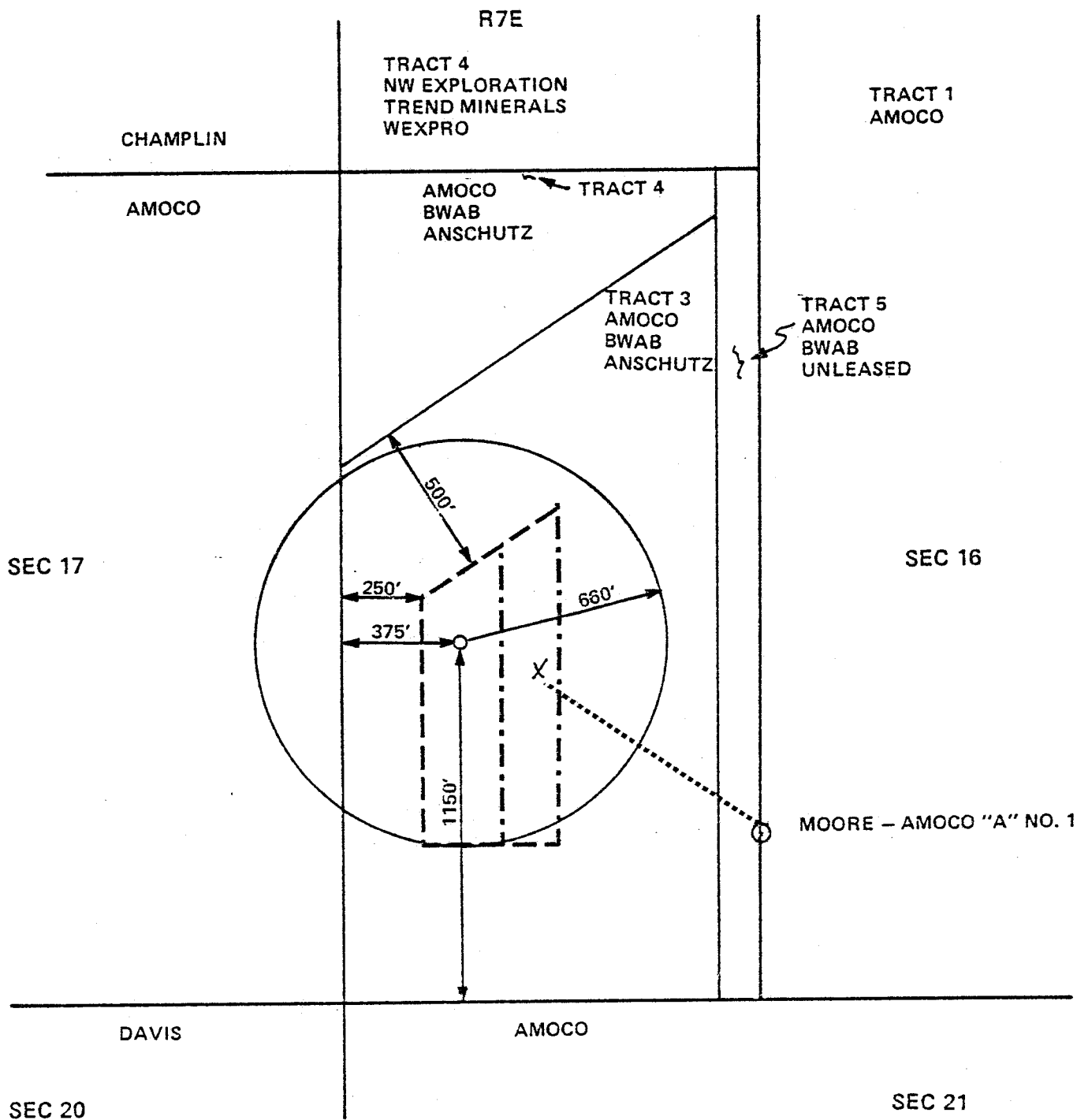
**APPROVED BY THE STATE  
OF UTAH DIVISION OF  
OIL, GAS, AND MINING**

DATE: 11/30/83  
BY: [Signature]

Amoco Production Company hereby makes application for a well location exception for the Moore-Amoco "A" No. 1, pursuant to Rule C-3(c). Specifically, Amoco is requesting approval to locate this well within a target area which will be no closer than 250 ft. from the West line of Section 16-T3N-R7E nor any closer than 500 ft. to any other property or lease line, as shown on the attached Well location and Ownership Plat. Amoco Production Company is the only owner within the SE/4 of Section 17-T3N-R7E, towards which the well will be moving.

The Moore-Amoco "A" No. 1 was approved as a directionally controlled 14,500 ft. wildcat Nugget test in July 1983 with a surface location of 541' FSL and 1330' FWL of Section 16-T3N-R7E and an approximate bottomhole location of 1000' FSL and 600' FWL of Section 16-T3N-R7E. Specifically, approval was given to penetrate the Nugget formation in a target area which was to be no closer than 500 ft. to any property or lease line or from the boundary of any legal subdivisions comprising a governmental quarter-quarter section or equivalent lot or lots. The Moore-Amoco "A" No. 1 was spudded on July 27, 1983 and has reached a TD of 11,939 ft. as of November 28, 1983. The bottomhole location at this depth is 630' FWL and 1050' FSL of Section 16-T3N-R7E, which is within the currently approved target area. The Nugget formation was encountered at an approximate depth of 11,670 ft. Based on the geologic information gathered by the drilling of this well, it is now Amoco's opinion that a repeat Nugget section may be encountered by this well. In order to provide for the optimal chance of success and to minimize drilling costs by utilizing established natural drift, this well should be permitted to TD within a target area which is no closer than 250 ft. from the West line of Section 16-T3N-R7E nor closer than 500 ft. to any property or lease line. Our projected bottomhole location is approximately

T  
3  
N



SURFACE LOCATION  
1330' FWL & 541' FSL



CURRENT BOTTOM HOLE LOCATION  
630' FWL & 1050' FSL



PROPOSED BOTTOMHOLE LOCATION  
375' FWL & 1150L



CURRENT APPROVED BOTTOMHOLE  
TARGET AREA



PROPOSED BOTTOMHOLE  
TARGET AREA

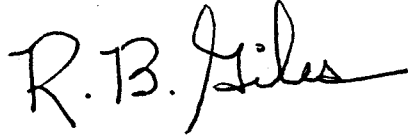
AMOCO PRODUCTION COMPANY  
DENVER REGION  
WELL LOCATION AND OWNERSHIP PLAT  
SUMMIT COUNTY, UTAH  
SCALE: 1" = 500'



Dianne R. Nielson  
Page 2

375' FWL and 1150' FSL of Section 16-T3N-R7E.

A copy of this application has been sent to BWAB, Inc. and Anschutz Corp.  
the only other owners within Tract No. 3.

A handwritten signature in black ink, appearing to read "R. B. Giles". The signature is fluid and cursive, with the first name "R." and last name "Giles" clearly legible.

R. B. Giles

CAW/sma

cc: BWAB, Inc.  
7935 E. Prentice Ave.  
Englewood, CO 80111

Anschutz Corp.  
555 17th St. Suite 2400  
Denver, CO 80202

# DOUBLE "D" ENTERPRISES

B.O.P. Test Report

B.O.P. TEST PERFORMED ON (DATE)..... 11 - 18 - 83

OIL CO.: ..... Amoco

WELL NAME & NUMBER..... Moore Amoco A-1

SECTION..... 16

TOWNSHIP..... 3 N

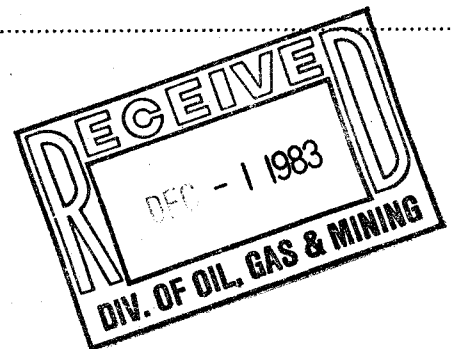
RANGE..... 7 E

COUNTY..... Summit, UTAH

DRILLING CONTRACTOR..... Chase S

INVOICES BILLED FROM: **DOUBLE "D" ENTERPRISES, INC.**  
213 Pine Street - Box 560  
Shoshoni, Wyoming 82649  
Phone: (307) 876-2308 or (307) 876-2234

TESTED BY: **DOUBLE "D" ENTERPRISES, INC.**  
712 Morse Lee Street  
Evanston, Wyoming 82930  
Phone: (307) 789-9213 or (307) 789-9214



OIL CO. SITE REPRESENTATIVE..... Bud Abbams

RIG TOOL PUSHER.....

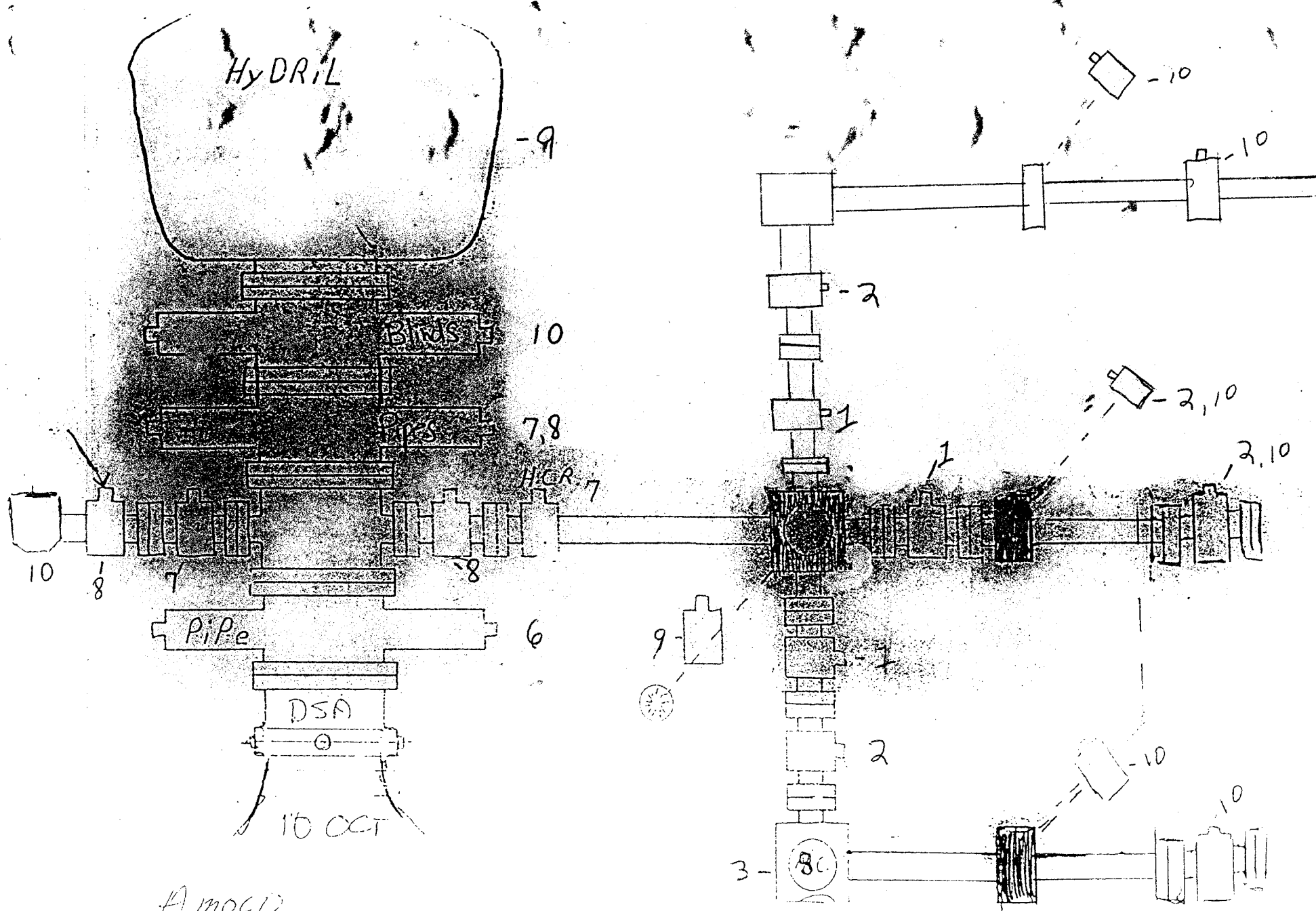
TESTED OUT OF.....

NOTIFIED PRIOR TO TEST: ..... UTAH Oil & Gas

COPIES OF THIS TEST REPORT SENT COPIES TO: ..... Amoco Site Rep

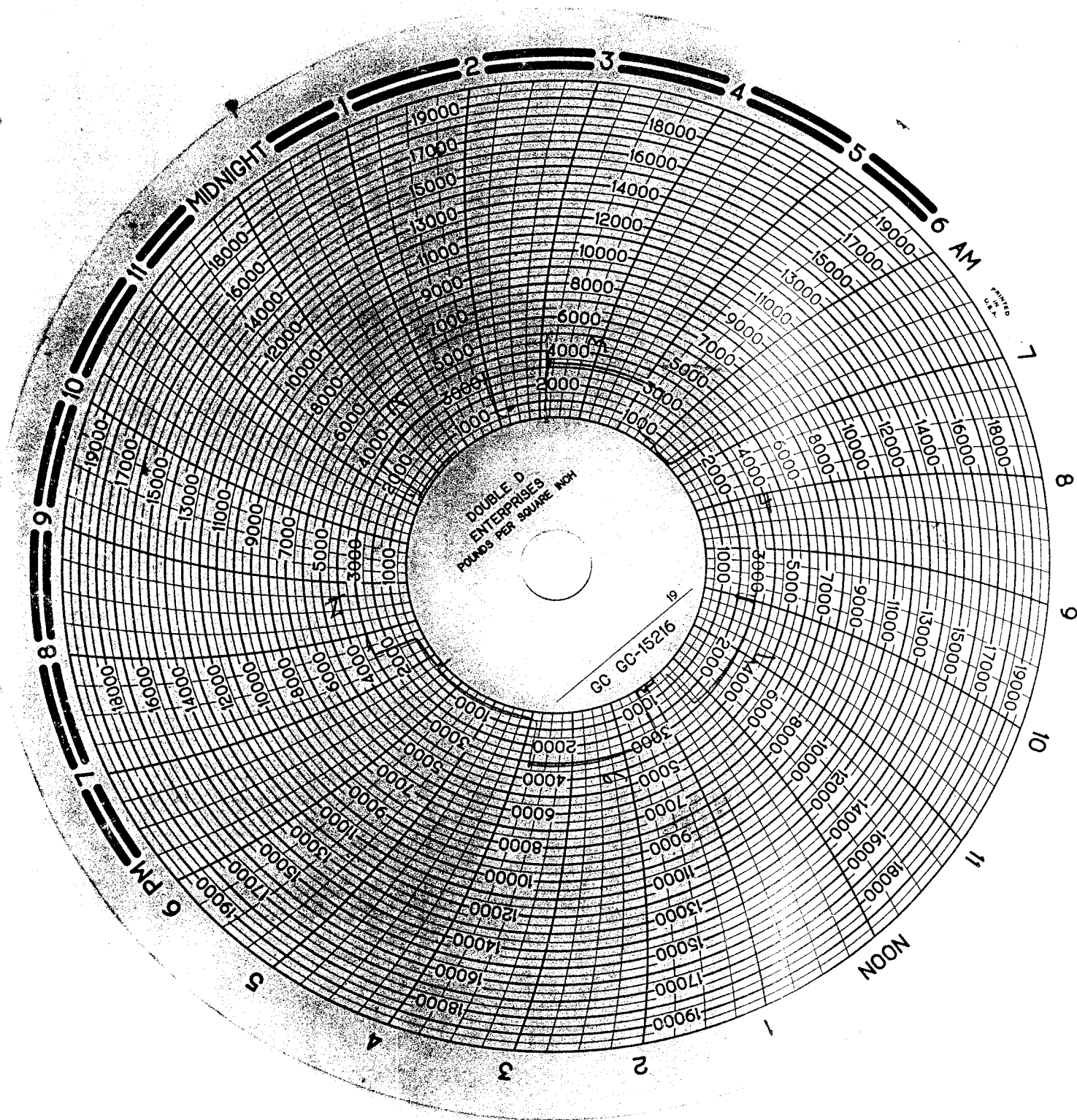
..... UTAH oil & gas

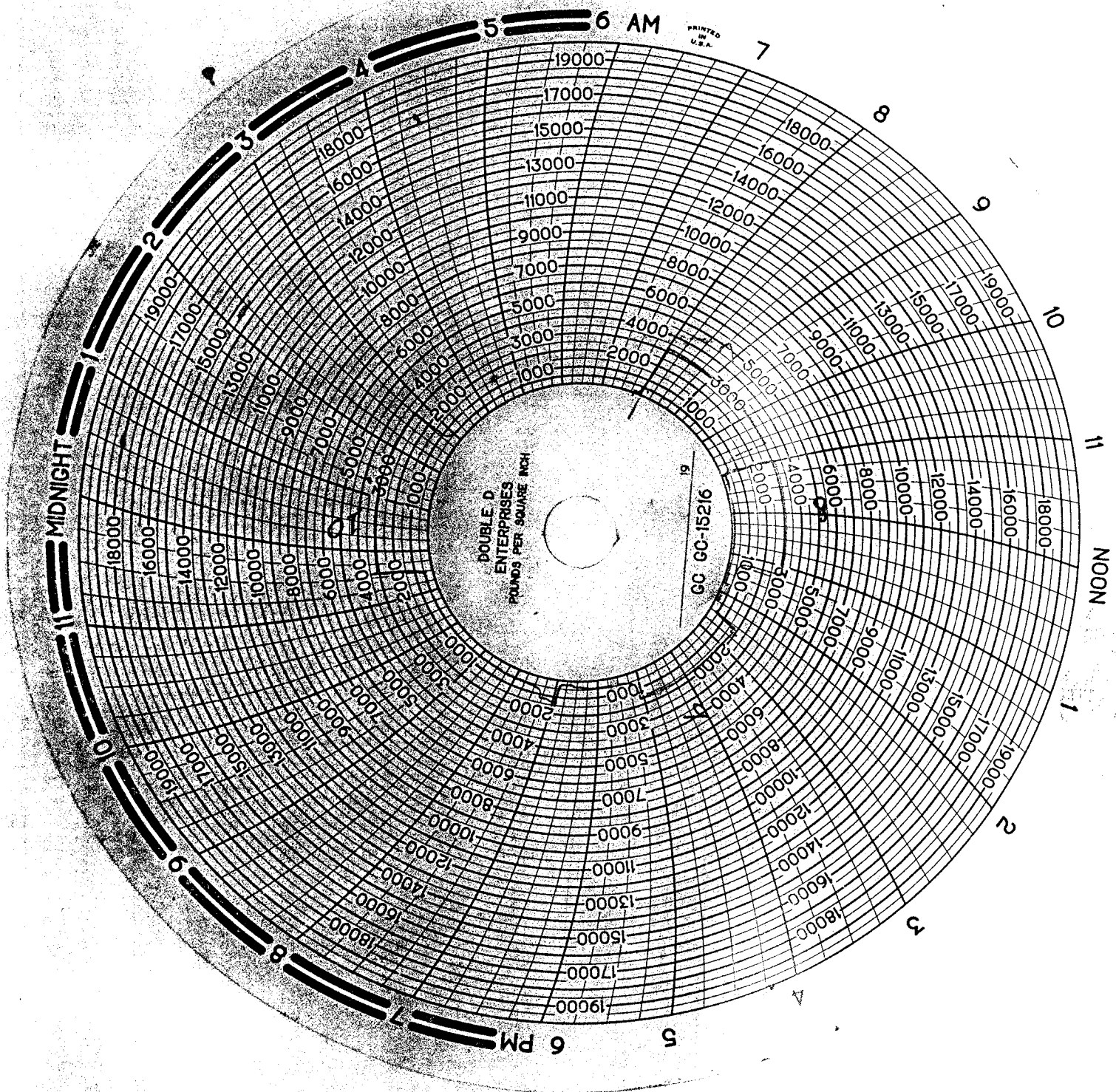
ORIGINAL CHART & TEST REPORT ON FILE AT: ..... Evanston ..... OFFICE



A model  
Chase 5

- 1:25 On Location rigging up
1. 2:00-2:15 test inside 3 manuals in manifold
  2. 2:17-2:32 test 3 manuals in manifold
  3. 2:35-2:50 test Cameron super choke (Lost 200 psi in past 7 mins of test  
wait to get out of hole  
tried to test TIW valve no test (notified Wayne the pusher is getting replacement parts)
  4. 4:20-4:35 test Lower Kelly
  5. 4:45-5:00 test Upper Kelly (Kelly valve stiff needs to be  
6. worked more often)
  6. 5:05-5:20 test Lower pipe rams
  7. 5:22-5:37 Hewchant test top pipe ram, inside manual on kill line, HCR valve on choke line
  8. 5:38-5:52 test top pipe rams, second manual on kill  
4 inch manual on choke line
  9. 5:58-6:13 test Hydr. second manual on kill line, vertical riser on manifold
  10. 6:25-6:40 test Blind rams, check valve on kill line, six out  
side manuals on manifold
  - 6:55-7:30 set wear ring, shut casing head valve  
filled choke line with methanol







Conoco Inc. P.R.R. "33-1 - D. Fields" 88 11-27-83

- 1) 3:41 - OUTSIDE 3" on kill line.
- 2) 6:07 - Blinds - check valve - 4" manual on choke side  
HCR LINES TO BE manually shut  
worked on it for 2 hours.
- 3) 8:07 - Top pipes - HCR - 1ST kill valve - T.W.
- 4) 8:29 - Top pipes - HCR - 2ND kill valve - Lower Kelly
- 5) 8:47 - SAME TEST had to work lower Kelly
- 6) 9:25 - Upper Kelly - Lower Pipes - 3RD kill valve
- 7) 9:56 - HYDRIL
- 8) 10:28 - PART VALVE

now I have to wait on welder to  
finish making choke line.

- 9) 11:20 - normal valve
- 10) 2:55 - OUTSIDE manifold
- 11) 3:13 - 3RD manifold

- 12) 3:33 - 1ST manifold.

- 13) 3:58 - 5th choke won't operate,

Time between Tests 2 & 3 was working HCR  
bleeding pressure line & TRYING TO GET IT TO WORK  
through accumulator AT 1:45 TO BE SHUT manually.

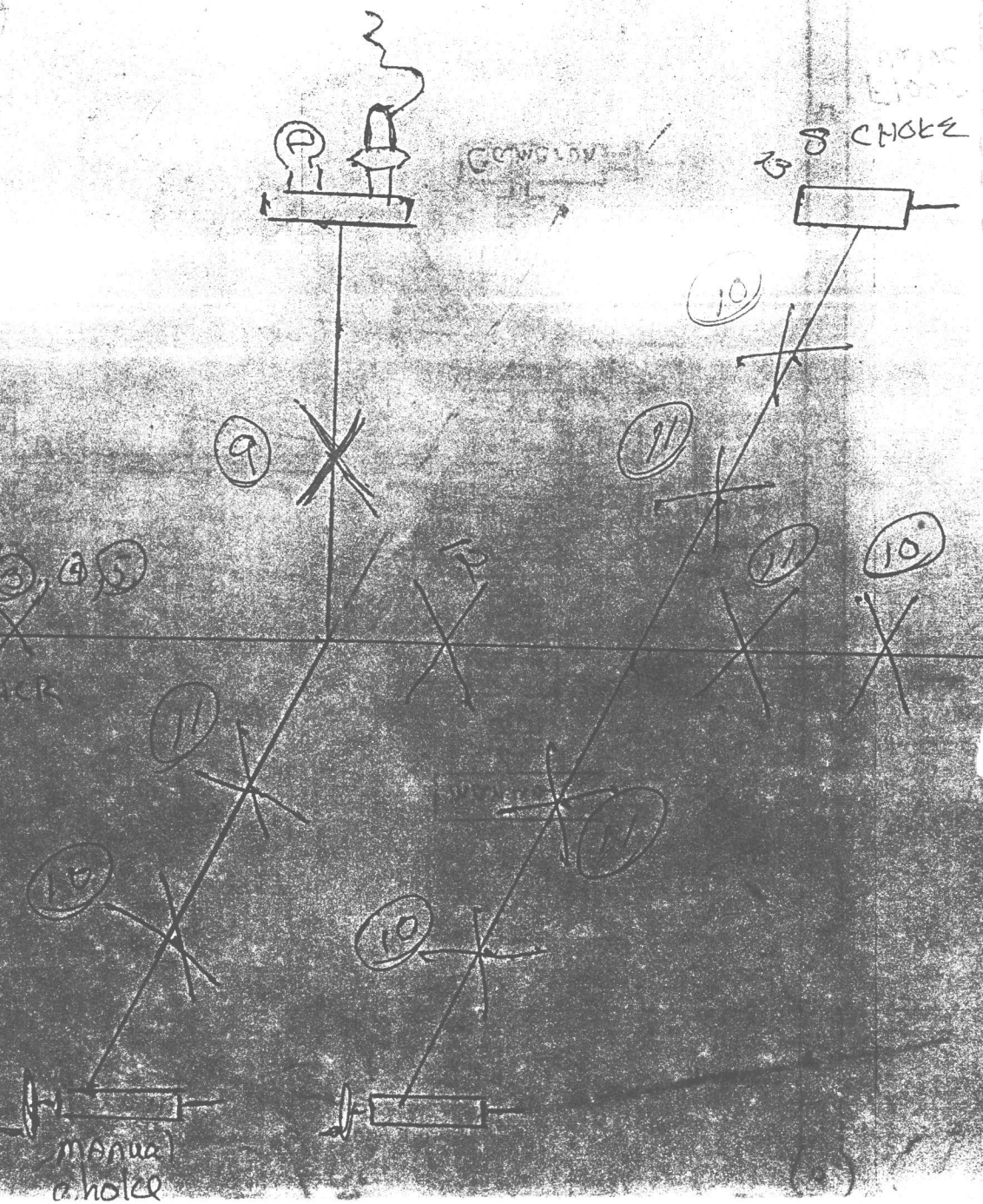
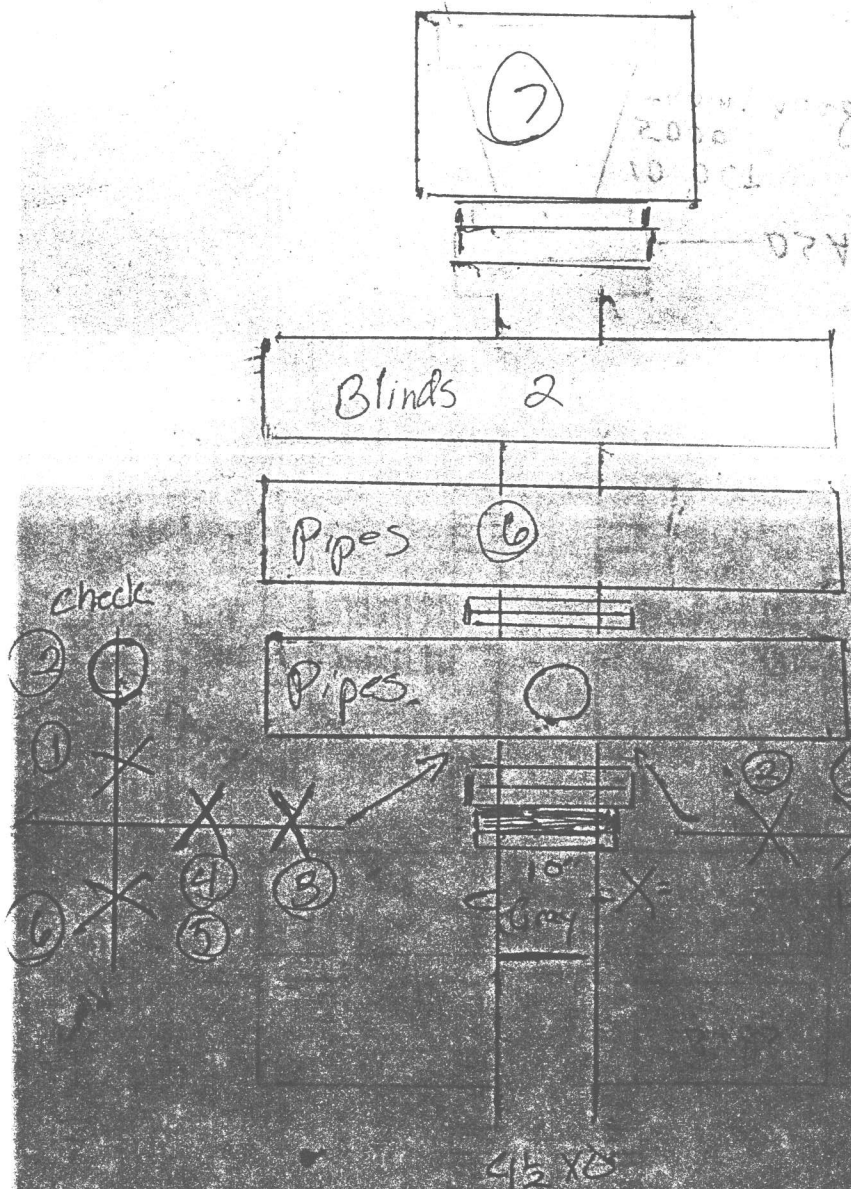
Time between Tests 4 & 5 was working the  
choke Kelly valve

Time from Test 8 to 10 was waiting on welder  
to finish choke line

POOR COPY

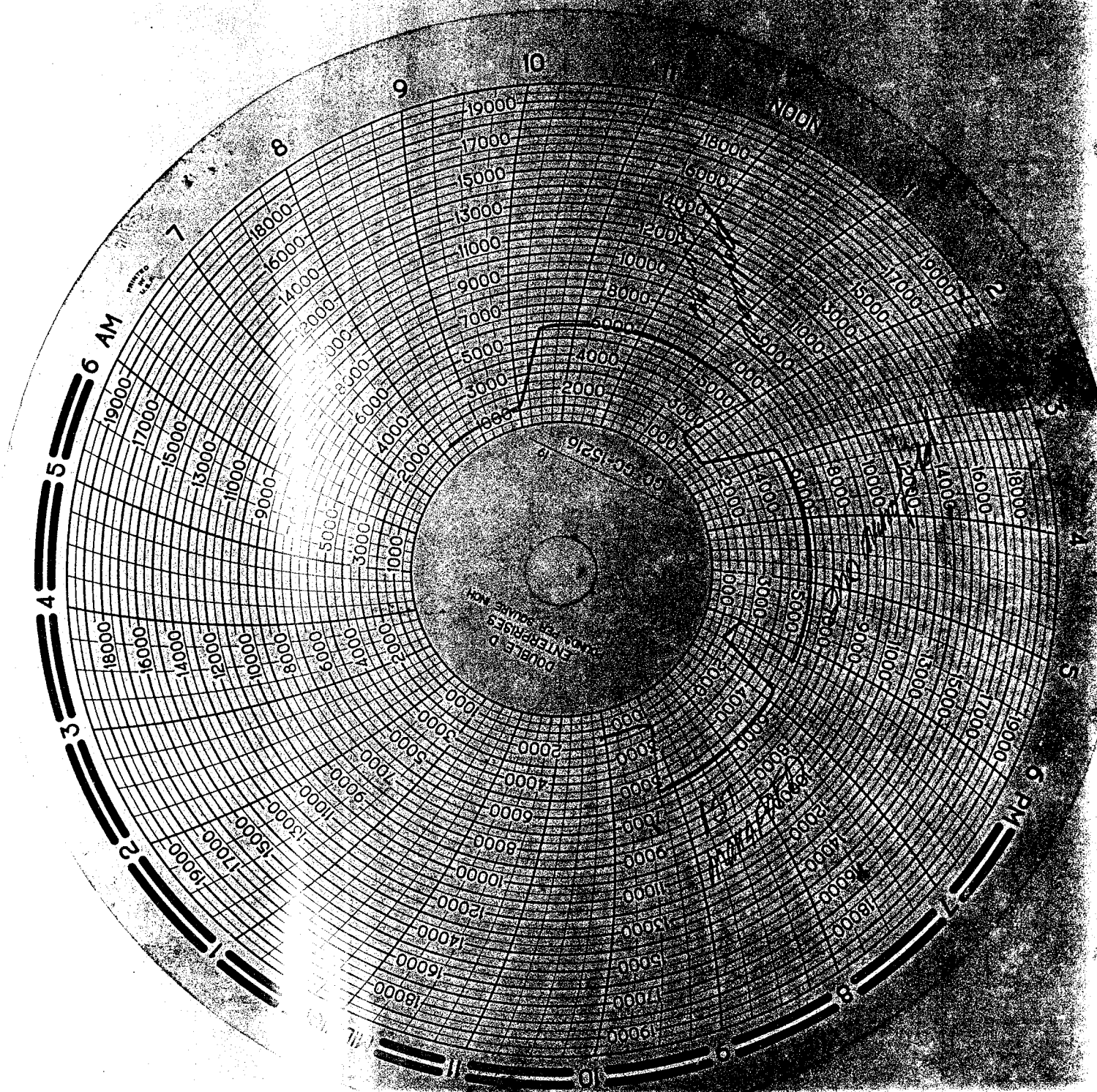


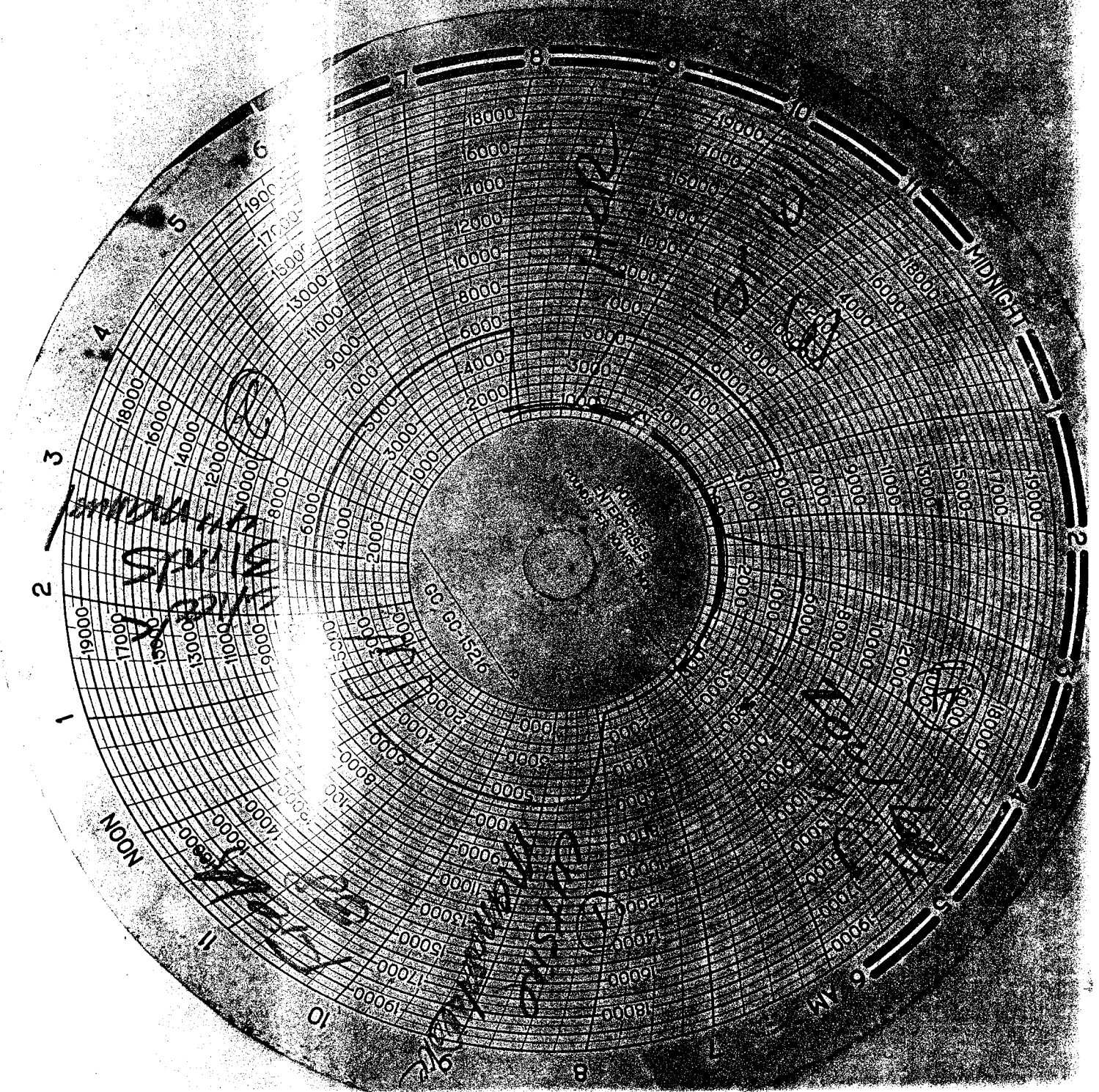
POOR COPY



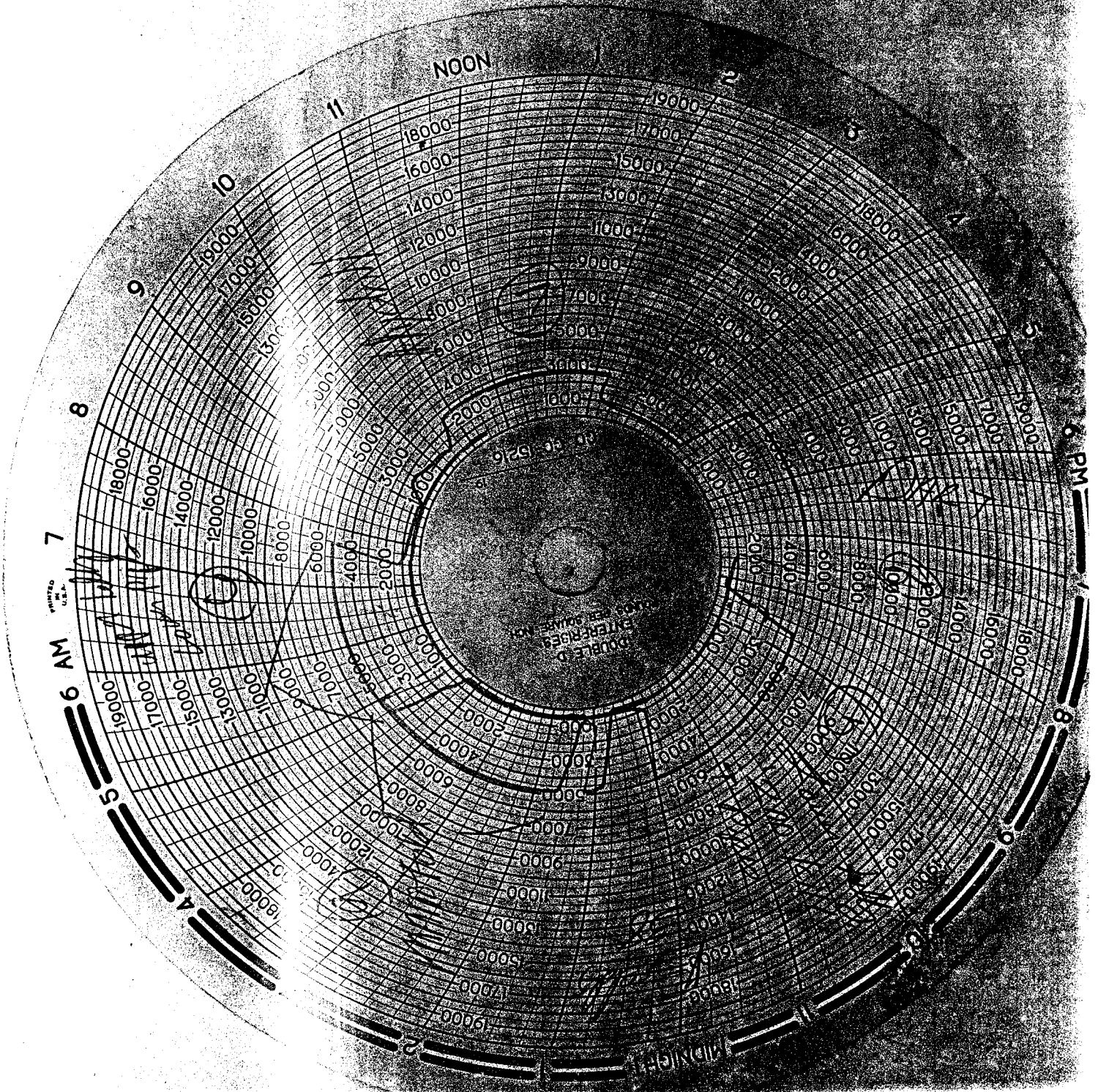
11-27-83  
Conoco  
Fields 38

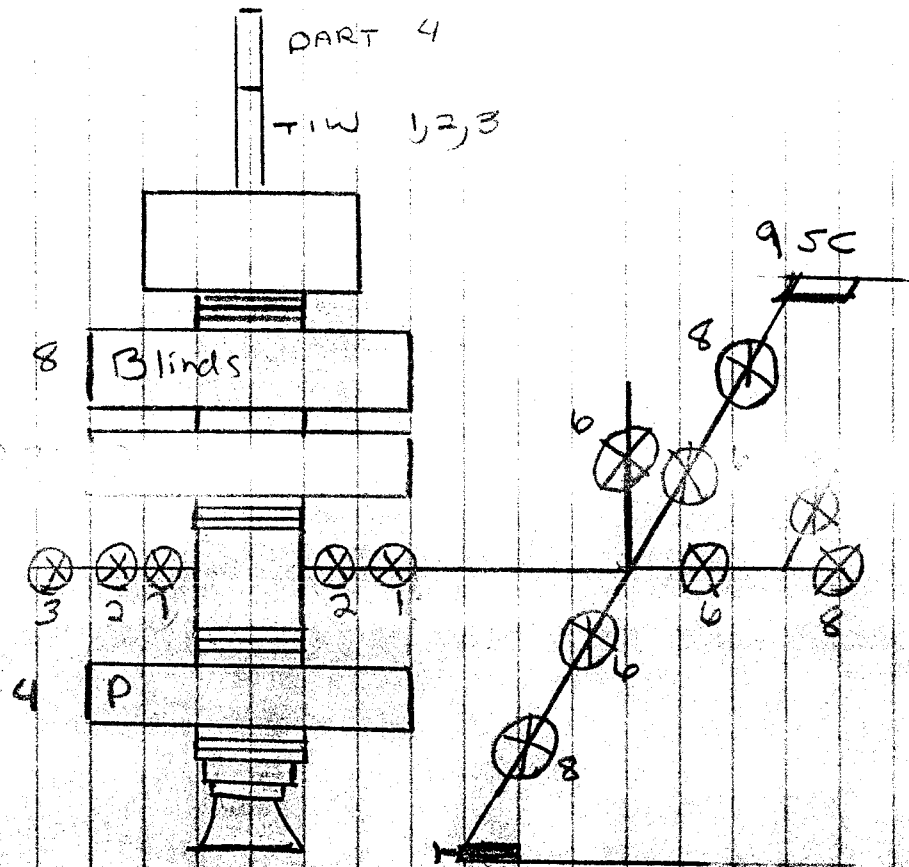






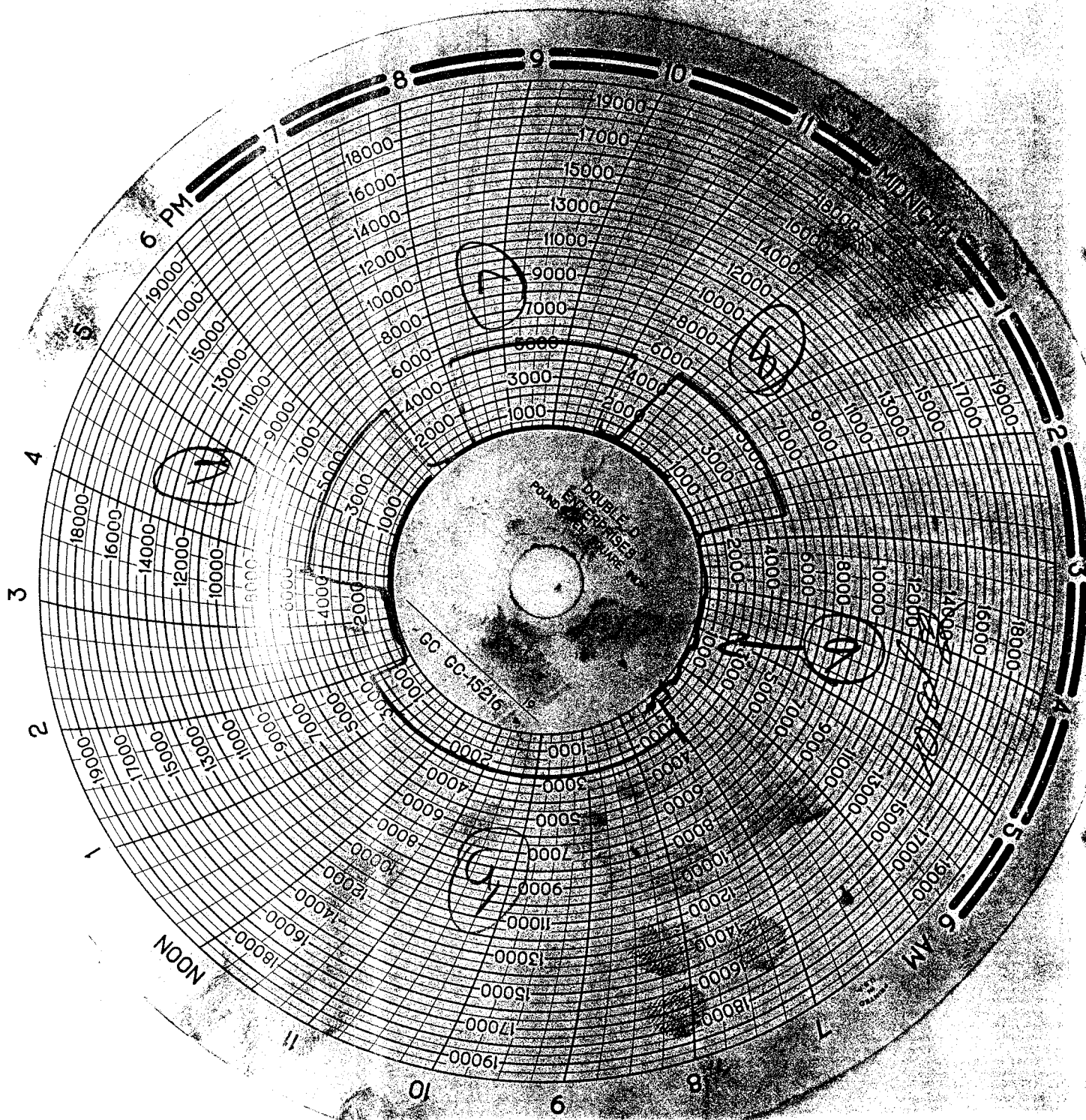




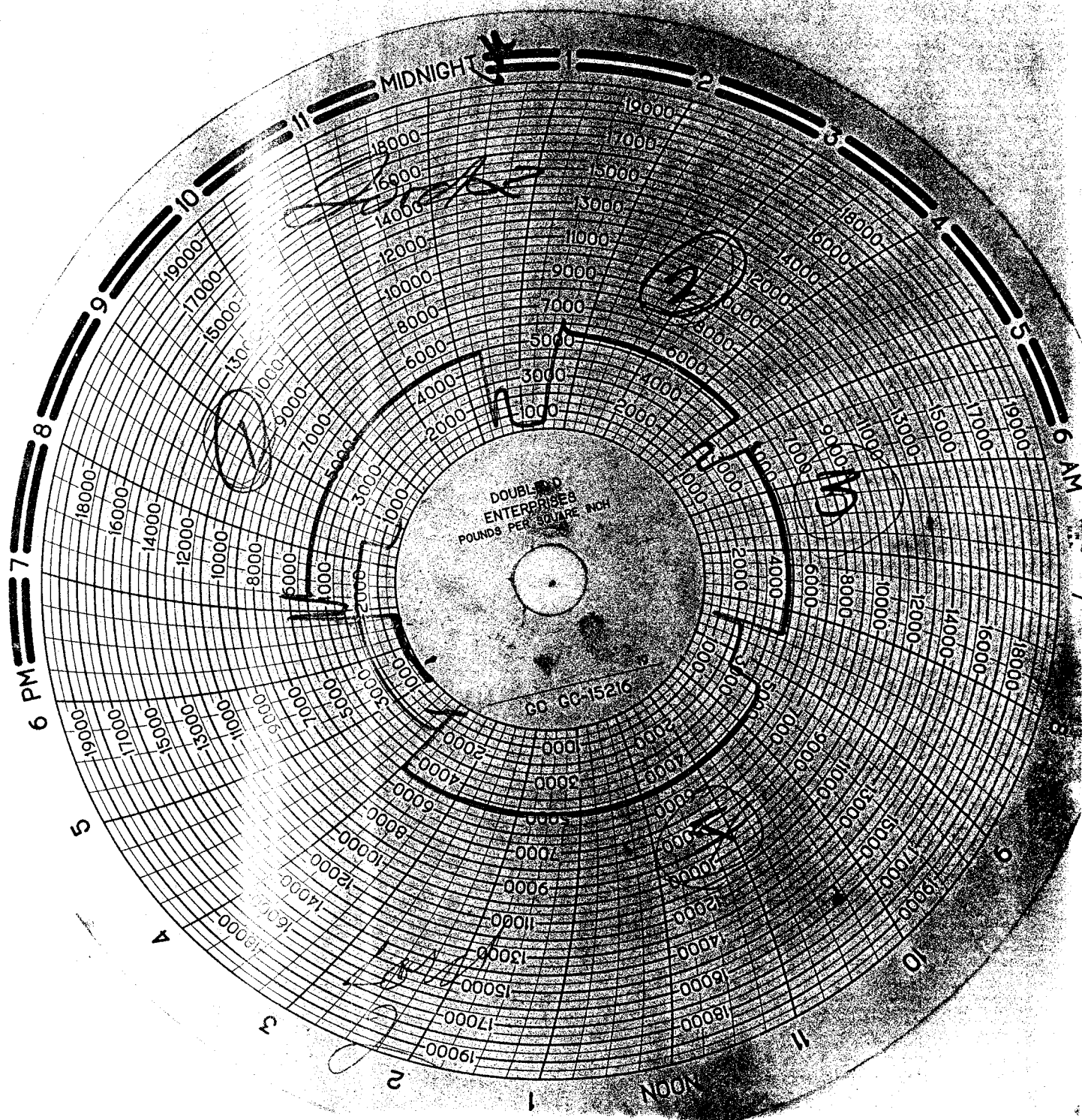


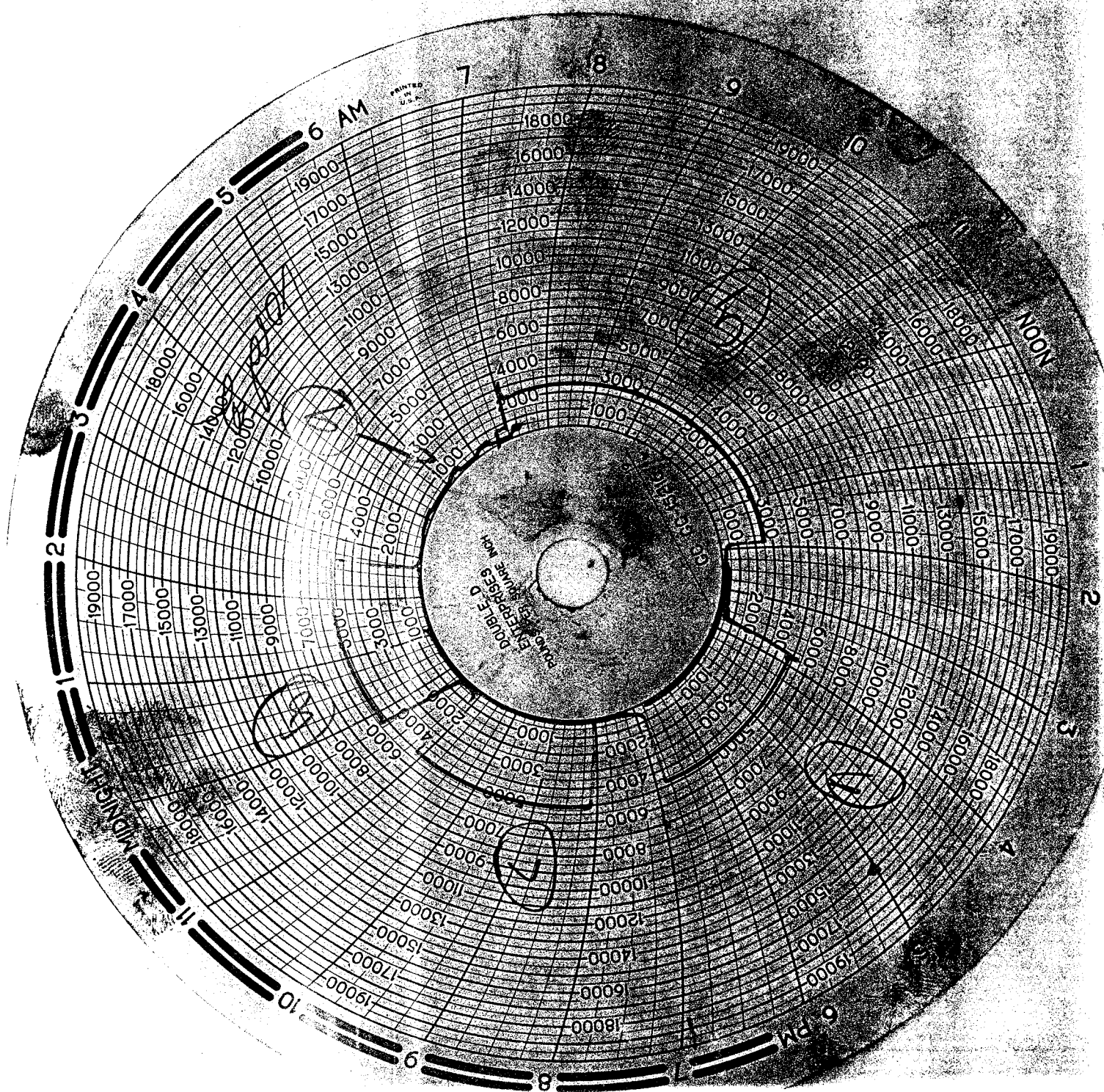
- ① 11:32 TOP PIPES - HCR - 1ST kill
- ② 12:02 T Pipes - 4" manual - 2ND kill
- ③ 12:22 T Pipes - check - TIW
- ④ 12:42 LOWER PIPES - DART
- ⑤ 1:43 HYDRILL
- ⑥ 2:48 T Pipes - 1ST MANIFOLD - 1ST kill
- ⑦ 3:42 Lower Kelly
- ⑧ 4:10 Blinds - OUTSIDE MANIFOLD
- ⑨ 4:30 SUPERCHARGE FIRST UP

Amoco - MAMMOTH Hollow Lard 2 11-21-83 Fed 5 Linde Co.









STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS, AND MINING

SUBMIT TRIPLICATE\*  
(Other instructions on  
reverse side)

## SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. <input type="checkbox"/> OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER		5. LEASE DESIGNATION AND SERIAL NO. Fee
2. NAME OF OPERATOR Amoco Production Company		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
3. ADDRESS OF OPERATOR P.O. Box 829, Evanston, WY 82930		7. UNIT AGREEMENT NAME
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 541' FSL & 1330' FWL		8. FARM OR LEASE NAME Moore Amoco A
14. PERMIT NO. 43-043-30236		9. WELL NO. #1
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 8265' GR		10. FIELD AND POOL, OR WILDCAT Wildcat
11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 16, T3N, R7E		12. COUNTY OR PARISH Summit
13. STATE Utah		18. STATE Utah

RECEIVED

DIVISION OF  
OIL, GAS & MINING

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>
(Other) <input type="checkbox"/>	

SUBSEQUENT REPORT OF:

WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
(Other) <input type="checkbox"/>	

(Other) Report of Operations ☒  
(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

Date 12-27-83

Spud Date 07-27-83

TD 12891'

Drilling Contractor Chase 5

TIGHT  
HOLE

18. I hereby certify that the foregoing is true and correct

SIGNED

*Larry L. Smith*

TITLE Staff Admin. Analyst (SG)

DATE 12-30-83

(This space for Federal or State office use)

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

TITLE

DATE



STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS, AND MINING**SUNDRY NOTICES AND REPORTS ON WELLS**(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. <input type="checkbox"/> OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER		5. LEASE DESIGNATION AND SERIAL NO.  Fee	
2. NAME OF OPERATOR Amoco Production Company		6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
3. ADDRESS OF OPERATOR P.O. Box 829, Evanston, WY 82930		7. UNIT AGREEMENT NAME	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface  541' FSL & 1330' FWL		8. FARM OR LEASE NAME Moore Amoco A	
14. PERMIT NO. 43-043-30236		9. WELL NO. #1	
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 8265' GR		10. FIELD AND POOL, OR WILDCAT Wildcat	
		11. SEC., T., R., M., OR BLE. AND SURVEY OR AREA Sec. 16, T3N, R7E	
		12. COUNTY OR PARISH Summit	13. STATE Utah

## 16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

## NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF	<input type="checkbox"/>	PULL OR ALTER CASING	<input type="checkbox"/>
FRACTURE TREAT	<input type="checkbox"/>	MULTIPLE COMPLETE	<input type="checkbox"/>
SHOOT OR ACIDIZE	<input type="checkbox"/>	ABANDON*	<input type="checkbox"/>
REPAIR WELL	<input type="checkbox"/>	CHANGE PLANS	<input type="checkbox"/>
(Other)	<input type="checkbox"/>		<input type="checkbox"/>

## SUBSEQUENT REPORT OF:

WATER SHUT-OFF	<input type="checkbox"/>	REPAIRING WELL	<input type="checkbox"/>
FRACTURE TREATMENT	<input type="checkbox"/>	ALTERING CASING	<input type="checkbox"/>
SHOOTING OR ACIDIZING	<input type="checkbox"/>	ABANDONMENT*	<input type="checkbox"/>
(Other) <u>Side tracking</u>	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated time of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

Plugback from 11909'-11400'  
(fish top)

(The Nugget top is at 11670'.)

We will then set a kickoff plug at 10,500' to 10,200' and side track from that point.

Verbal from Ron Firth 12/30/83 at 3:40 pm.

APPROVED BY THE STATE  
OF UTAH DIVISION OF  
OIL, GAS, AND MINING  
DATE: 1/11/84  
BY: [Signature]**TIGHT  
HOLE**

18. I hereby certify that the foregoing is true and correct

SIGNED

R. J. UrbanTITLE Staff Admin. Analyst (SG)

DATE

1-6-84

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING

BLOW OUT PREVENTION TEST

NAME OF COMPANY: AMOCO PRODUCTION COMPANY

WELL NAME: MOORE-AMOCO A #1

SECTION: SWSW 16 TOWNSHIP 3N RANGE 7E COUNTY: SUMMIT

DRILLING CONTRACTOR: \_\_\_\_\_

RIG # \_\_\_\_\_

BOP TEST: DATE: 1-8-84

TIME: 10:00 AM

DRILLING: \_\_\_\_\_

CASING: \_\_\_\_\_

H<sub>2</sub>S: \_\_\_\_\_

REPORTED BY: \_\_\_\_\_

TELEPHONE NO. \_\_\_\_\_

DATE: 1-10-84 SIGNED AS

BLOW OUT PREVENTION TEST

NAME OF COMPANY: AMOCO

WELL NAME: AMOCO MOORE A-1

SECTION: SESW 16 TOWNSHIP 3N RANGE 7E COUNTY: SUMMIT

DRILLING CONTRACTOR: CHASE

RIG # 5

BOP TEST: DATE: 3-20-84

TIME: 12:00 AM

DRILLING: \_\_\_\_\_

CASING: \_\_\_\_\_

H<sub>2</sub>S: \_\_\_\_\_

REPORTED BY: ART MACLEAN

TELEPHONE NO. 801 336-2011

DATE: 3-20-84 SIGNED GL

MOORE Amoco #A Amoco

3-29-84

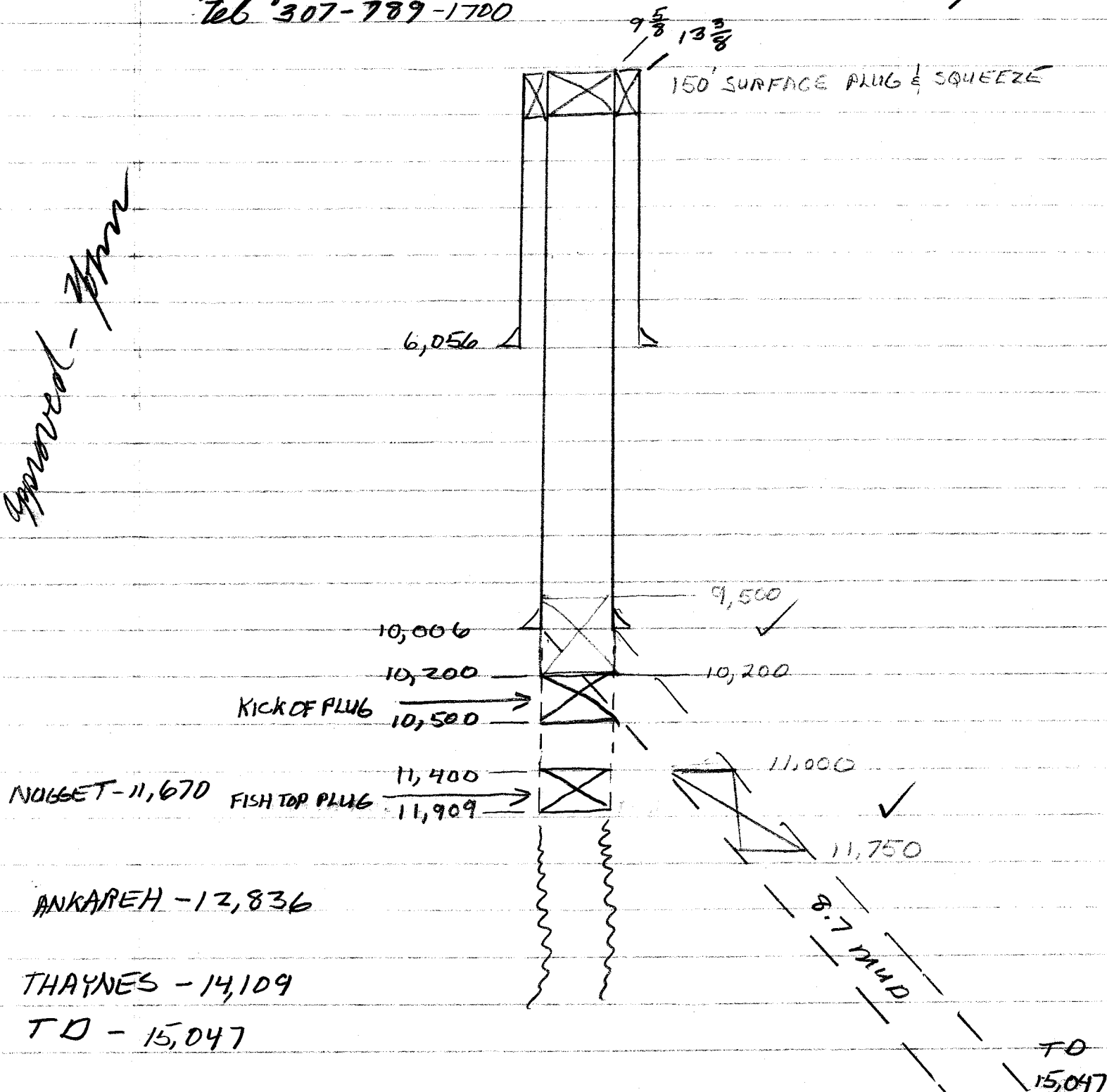
MOORE - Amoco A #1

16 - 3N, 2E, Summit

Plugging orders discussed with Tom McKay

tel 307-789-1700

Approved - mm



No abnormal pressures, no H<sub>2</sub>O or H<sub>2</sub>S, no shows, some lost circulation in Nugget. Cement tops not available. Hole sloughing off at 12,100, and they are concerned about getting stuck if they try to plug below that depth.

Morre - Amoro A #1

in Ron's office  
3-29-84

Morre

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS, AND MINING

Fee

5. LEASE DESIGNATION AND SERIAL NO.

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Moore Amoco

9. WELL NO.

A#1

10. FIELD AND POOL, OR WILDCAT

Wildcat

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA

1330' FWL, 541' FSL

Sec. 16, T3N, R7E

12. COUNTY OR PARISH

Summit

13. STATE

Utah

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG \*

1a. TYPE OF WELL: OIL WELL ☐ GAS WELL ☐ DRY ☒ Other \_\_\_\_\_

b. TYPE OF COMPLETION:

NEW WELL ☐ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other Plug & Abandon

2. NAME OF OPERATOR

Amoco Production Company

3. ADDRESS OF OPERATOR

P.O. Box 829 Evanston, WY 82930

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)\*

At surface Sec. 16, T3N, R7E

At top prod. interval reported below

At 14,807 1370.75' FSL &amp; 9418' FWL

14. PERMIT NO.

43-043-30236

DATE ISSUED

07/14/83

15. DATE SPUDDED

7-20-83

16. DATE T.D. REACHED

3-27-84

17. DATE COMPL. (Ready to prod.)

-

18. ELEVATIONS (DF, REB, RT, GR, ETC.)\*

KB 8257' GL 8231'

19. ELEV. CASINGHEAD

-

20. TOTAL DEPTH, MD &amp; TVD

15047. MD-14924 TVD

21. PLUG, BACK T.D., MD &amp; TVD

Surface

22. IF MULTIPLE COMPL., HOW MANY\*

--

23. INTERVALS DRILLED BY

--&gt;

ROTARY TOOLS

0-15,047'

CABLE TOOLS

-

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)\*

None

25. WAS DIRECTIONAL SURVEY MADE

Partial

26. TYPE ELECTRIC AND OTHER LOGS RUN

DLL, Sonic, EDC/CNL, Dipmeter, Gr, KLT

27. WAS WELL CORED

No

28. CAS

CASING SIZE	WEIGHT, LB./FT.	DEPTH S
20	106.5#	377'
13-3/8	72#, 61#, 68#	6056
9 5/8-9 7/8	62, 8, 53, 5, 47	10008

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)

31. PERFORATION RECORD (Interval, size and number)

NT PULLED

0

0

0

R SET (MD)

ETC.

L USED

ing or

RATIO

PI (CORR.)

Spud 7-27-83

surf 1330 FWL 531 FSL

16 3N 7W

Summit

TD 12891

L 1050 FSL

3-19-92

TE

idetrach

363 FSL

3N 7E

PER TELECOM WITH IKE NORWOOD

surf 1330 FWL 531 FSL

BHL 0095 FWL 1363 FSL

dlc

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS, AND MINING

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG \*

1a. TYPE OF WELL:		OIL WELL <input type="checkbox"/>	GAS WELL <input type="checkbox"/>	DRY <input checked="" type="checkbox"/>	Other _____
b. TYPE OF COMPLETION:		NEW WELL <input type="checkbox"/>	WORK OVER <input type="checkbox"/>	DEEP-EN <input type="checkbox"/>	PLUG BACK <input type="checkbox"/>
		DIFF. RESVR. <input type="checkbox"/>	Other <u>Plug &amp; Abandon</u>		
2. NAME OF OPERATOR Amoco Production Company					
3. ADDRESS OF OPERATOR P.O. Box 829 Evanston, WY 82930					
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface Sec. 16, T3N, R7E At top prod. interval reported below 14,807 1370.75' FSL & 9418' FWL					
15. DATE SPUDDED 7-20-83		16. DATE T.D. REACHED 3-27-84		17. DATE COMPL. (Ready to prod.) -	
18. ELEVATIONS (DF, REB, RT, GB, ETC.)* KB 8257' GL 8231'		19. ELEV. CASINGHEAD -			
20. TOTAL DEPTH, MD & TVD 15047. MD-14924 TVD		21. PLUG, BACK T.D., MD & TVD Surface		22. IF MULTIPLE COMPL., HOW MANY* --	
23. INTERVALS DRILLED BY 0-15, 047'		24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* None		25. WAS DIRECTIONAL SURVEY MADE Partial	
26. TYPE ELECTRIC AND OTHER LOGS RUN DLL, Sonic, FDC/CNL, Dipmeter, Gr (RST)		27. WAS WELL CORED No			
28. CASING					
CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)			
20	106.5#	377'			
13-3/8	72#, 61#, 68#	6056'			
9 5/8-9 7/8	62.8, 53.5, 47	10008'			
29. LINER RECORD					
SIZE	TOP (MD)	BOTTOM (MD)		SAC	
30. PERFORATION RECORD (Interval, size and number)					
31. DATE FIRST PRODUCTION					
32. PRODUCTION METHOD (Flow)					
DATE OF TEST		HOURS TESTED		CHOKE SIZE	
FLOW, TUBING PRESS.		CASING PRESSURE		CALCULATED 24-HOUR RATE	
33. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)					
34. LIST OF ATTACHMENTS					
35. I hereby certify that the foregoing and attached info:					
SIGNED <u>DBlewis</u>					

Pl  
Pl  
Pl

TD 12891

11,939 630 SWL 1050 FSL

16 3N 7E

10200 1-84 sidetrack

14807'

95 SWL 1363 FSL

16 3N 7E

(See Instructions and

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS, AND MINING

Fee

5. LEASE DESIGNATION AND SERIAL NO.

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

9. WELL NO.

10. FIELD AND POOL, OR WILDCAT

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA

1330' FWL, 541' FSL

Sec. 16, T3N, R7E

12. COUNTY OR PARISH

Summit

13. STATE

Utah

18. ELEVATIONS (DF, RKB, RT, GR, ETC.)\*

KB 8257' GL 8231'

19. ELEV. CASINGHEAD

-

23. INTERVALS DRILLED BY

0-15, 047'

25. WAS DIRECTIONAL SURVEY MADE

Partial

27. WAS WELL CORED

No

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG \*

1a. TYPE OF WELL: OIL WELL ☐ GAS WELL ☐ DRY ☒ Other \_\_\_\_\_

b. TYPE OF COMPLETION:

NEW WELL ☐WORK OVER ☐DEEP-EN ☐PLUG BACK ☐DIFF. RESVR. ☐

Other Plug &amp; Abandon

2. NAME OF OPERATOR

Amoco Production Company

3. ADDRESS OF OPERATOR

P.O. Box 829 Evanston, WY 82930

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)\*

At surface Sec. 16, T3N, R7E

At top prod. interval reported below

At 14,807 1370.75' FSL &amp; 9418' FWL

CONFIDENTIAL

SWSW

14. PERMIT NO.

43-043-30236

DATE ISSUED

07/14/83

15. DATE SPUDDED

7-20-83

16. DATE T.D. REACHED

3-27-84

17. DATE COMPL. (Ready to prod.)

-

18. ELEVATIONS (DF, RKB, RT, GR, ETC.)\*

KB 8257' GL 8231'

19. ELEV. CASINGHEAD

-

20. TOTAL DEPTH, MD &amp; TVD

15047. MD-14924 TVD

21. PLUG, BACK T.D., MD &amp; TVD

Surface

22. IF MULTIPLE COMPL., HOW MANY\*

--

23. INTERVALS DRILLED BY

0-15, 047'

ROTARY TOOLS

-

CABLE TOOLS

-

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)\*

None

26. TYPE ELECTRIC AND OTHER LOGS RUN

DLL, Sonio, EDC/CNL, Dipmeter, Gr, KLT

27. WAS WELL CORED

No

28. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
20	106.5#	377'	26	1200 sx, Class A	0
13-3/8	72#, 61#, 68#	6056'	17-1/2	2000 sx Class H, 450sx A	
				spearlite, 100 sx Cl A	0
9 5/8-9 7/8	62.8, 53.5, 47	10008'	12-1/4	1000 sx Class H	0

29. 43.5# LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)

31. PERFORATION RECORD (Interval, size and number)

Plug 1  
Plug 2  
Plug 3

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
11750	225 sx 50/50 POZZ
10200	300 sx 50/50 POZZ
Surface	150 sx 50/50 POZZ

33. PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)					WELL STATUS (Producing or shut-in)	
							PJA	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO	
			→					
FLOW, TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)		
		→						

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

TEST WITNESSED BY

35. LIST OF ATTACHMENTS

DIVISION OF OIL

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED

[Signature]

TITLE

District Drilling Engineer

DATE

04/27/84

RECEIVED

(See Instructions and Spaces for Additional Data on Reverse Side)



# INSTRUCTIONS

**General:** This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

**Item 4:** If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

**Item 18:** Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments. **Items 22 and 24:** If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

**Item 29: "Sacks Cement":** Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

**Item 33:** Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

Coring - None

## 37. SUMMARY OF POROUS ZONES:

SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.
Nugget	11693	11747	DST IO 105 min. 348 psi ISI 120 min. 816 psi FF 120 min. 864 psi FSI 180 min. 1410 psi FHP 5595 psi  Recover 2400 cc formation water .25 ohm-m @ 60°F 1450 cl ppm

## 38.

## GEOLOGIC MARKERS

NAME	TOP	
	MEAS. DEPTH	TRUE VERT. DEPTH
Tert	4322	4299
Aspen	5954	5912
Preuss	9100	9049
Salt	9246	9194
Twin Creek	9816	9762
Nugget	11618	11528
Ankareh	12836	12732
Thaynes	14109	13991

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MAY 03 1984  
DIVISION OF OIL  
GAS & MINING